



Contract #

059124

STATE OF UTAH CONTRACT

1. **CONTRACTING PARTIES:** This contract is between the following agency of the State of Utah:
Department of Transportation Agency Code: 810 Traffic Management, Division referred to as (STATE), and the following
CONTRACTOR:

Sorensen Construction, Inc.

Name

918 South 2000 West

Address

Syracuse
CityUT
State84075
Zip

LEGAL STATUS OF CONTRACTOR

- ☐ Sole Proprietor
☐ Non-Profit Corporation
☒ For-Profit Corporation
☐ Partnership
☐ Government Agency

Contact Person Mark Todd Phone # (801) 282-0000 Ext 548

Tax ID# 87-0347799 Vendor # 50688A

E-mail mtodd@cfsci.com

Commodity Code # 55088000000

2. **GENERAL PURPOSE OF CONTRACT:** The general purpose of this contract is to provide:

Service and components to install, relocate, and repairs of Advanced Traffic Management System (ATMS) devices at various locations for Department of Transportation (UDOT). ATMS devices include, but are not limited to Ramp Meter, Closed Circuit Television (CCTV), Traffic Monitoring Station (TMS), Road Weather Information Station (RWIS), and Weight in Motion System. The location for the work will include UDOT Regions 1, 2, 3 and 4.

3. **PROCUREMENT:** This contract is entered into as a result of the procurement process on RX# , 46000000154 , FY04 Bid#PM4004
4. **CONTRACT PERIOD:** Effective date 01 December 2004 Termination date 30 November 2006 unless terminated early or extended in accordance with the terms and conditions of this contract. (3) -1 year renewal options.
5. **CONTRACT COSTS:** This is a requirements Contract. The CONTRACTOR will be paid per the prices as detail in Attachment B, of the contract.
6. **ATTACHMENT A:** Division of Purchasing's Standard Terms and Conditions
ATTACHMENT B: Scope of Work, Pricing and Exhibit's I, II, II
ATTACHMENT C: Special Terms and Conditions
Any conflicts between Attachment A and other Attachments will be resolved in favor of Attachment A.
7. **DOCUMENTS INCORPORATED INTO THIS CONTRACT BY REFERENCE BUT NOT ATTACHED:**
- All other governmental laws, regulations, or actions applicable to the goods and/or services authorized by this contract.
 - Utah State Procurement Code, Procurement Rules, and CONTRACTOR'S response to Bid # PM4004 dated 06/15/04 .

IN WITNESS WHEREOF, the parties sign and cause this contract to be executed.

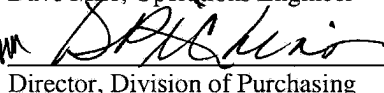
CONTRACTOR

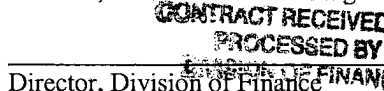

 Contractor's signature Date

Mark Todd, Chief Estimator
 Type or Print Name and Title

STATE

 DEC 9 2004
 Dave Myle, Operations Engineer Date

 JAN 07 2005
 Director, Division of Purchasing Date

CONTRACT RECEIVED AND
 PROCESSED BY
 JAN 11 2005
 Director, Division of Finance Date

ENT'D MAR 30 2005

JUL 23 2005

Denice McCarthy
 Agency Contact Person

(801) 965- 4761
 Telephone Number

(801) 965-4073
 Fax Number

Dmccarthy@utah.gov
 Email Address

(Revision 08/26/2003)

STANDARD TERMS AND CONDITIONS

059124

1. **AUTHORITY:** Provisions of this contract are pursuant to the authority set forth in 63-56, Utah Code Annotated, 1953, as amended, Utah State Procurement Rules (Utah Administrative Code Section R33), and related statutes which permit the State to purchase certain specified services, and other approved purchases for the State.
2. **CONTRACT JURISDICTION, CHOICE OF LAW, AND VENUE:** The provisions of this contract shall be governed by the laws of the State of Utah. The parties will submit to the jurisdiction of the courts of the State of Utah for any dispute arising out of this Contract or the breach thereof. Venue shall be in Salt Lake City, in the Third Judicial District Court for Salt Lake County.
3. **LAWS AND REGULATIONS:** Any and all supplies, services and equipment furnished will comply fully with all applicable Federal and State laws and regulations.
4. **RECORDS ADMINISTRATION:** The Contractor shall maintain, or supervise the maintenance of all records necessary to properly account for the payments made to the Contractor for costs authorized by this contract. These records shall be retained by the Contractor for at least four years after the contract terminates, or until all audits initiated within the four years, have been completed, whichever is later. The Contractor agrees to allow State and Federal auditors, and State Agency Staff, access to all the records to this contract, for audit and inspection, and monitoring of services. Such access will be during normal business hours, or by appointment.
5. **CONFLICT OF INTEREST:** Contractor represents that none of its officers or employees are officers or employees of the State of Utah, unless disclosure has been made in accordance with 67-16-8, Utah Code Annotated, 1953, as amended.
6. **CONTRACTOR, AN INDEPENDENT CONTRACTOR:** The Contractor shall be an independent contractor, and as such, shall have no authorization, express or implied, to bind the State to any agreements, settlements, liability, or understanding whatsoever, and agrees not to perform any acts as agent for the State, except as herein expressly set forth. Compensation stated herein shall be the total amount payable to the Contractor by the State. The Contractor shall be responsible for the payment of all income tax and social security amounts due as a result of payments received from the State for these contract services. Persons employed by the State and acting under the direction of the State shall not be deemed to be employees or agents of the Contractor.
7. **INDEMNITY CLAUSE:** The Contractor agrees to indemnify, save harmless, and release the State OF UTAH, and all its officers, agents, volunteers, and employees from and against any and all loss, damages, injury, liability, suits, and proceedings arising out of the performance of this contract which are caused in whole or in part by the negligence of the Contractor's officers, agents, volunteers, or employees, but not for claims arising from the State's sole negligence.
8. **EQUAL OPPORTUNITY CLAUSE:** The Contractor agrees to abide by the provisions of Title VI and VII of the Civil Rights Act of 1964 (42USC 2000e) which prohibits discrimination against any employee or applicant for employment or any applicant or recipient of services, on the basis of race, religion, color, or national origin; and further agrees to abide by Executive Order No. 11246, as amended, which prohibits discrimination on the basis of sex; 45 CFR 90 which prohibits discrimination on the basis of age; and Section 504 of the Rehabilitation Act of 1973, or the Americans with Disabilities Act of 1990 which prohibits discrimination on the basis of disabilities. Also, the Contractor agrees to abide by Utah's Executive Order, dated March 17, 1993, which prohibits sexual harassment in the work place.
9. **SEPARABILITY CLAUSE:** A declaration by any court, or any other binding legal source, that any provision of this contract is illegal and void shall not affect the legality and enforceability of any other provision of this contract, unless the provisions are mutually dependent.
10. **RENEGOTIATION OR MODIFICATIONS:** This contract may be amended, modified, or supplemented only by written amendment to the contract, executed by the same persons or by persons holding the same position as persons who signed the original agreement on behalf of the parties hereto, and attached to the original signed copy of the contract.
11. **DEBARMENT:** The Contractor certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction (contract), by any governmental department or agency. If the Contractor cannot certify this statement, attach a written explanation for review by the State. The Contractor must notify the State Director of Purchasing within 30 days if debarred by any governmental entity during the Contract period.
12. **TERMINATION:** Unless otherwise stated in the Special Terms and Conditions, this contract may be terminated, with cause by either party, in advance of the specified termination date, upon written notice being given by the other party. The party in violation will be given ten (10) working days after notification to correct and cease the violations, after which the contract may be terminated for cause. This contract may be terminated without cause, in advance of the specified expiration date, by either party, upon 90 days prior written notice being given the other party. On termination of this contract, all accounts and payments will be processed according to the financial arrangements set forth herein for approved services rendered to date of termination.
13. **NONAPPROPRIATION OF FUNDS:** The Contractor acknowledges that the State cannot contract for the payment of funds not yet appropriated by the Utah State Legislature. If funding to the State is reduced due to an order by the Legislature or the Governor, or is required by State law, or if federal funding (when applicable) is not provided, the State may terminate this contract or proportionately reduce the services and purchase obligations and the amount due from the State upon 30 days written notice. In the case that funds are not appropriated or are reduced, the State will reimburse Contractor for products delivered or services performed through the date of cancellation or reduction, and the State will not be liable for any future commitments, penalties, or liquidated damages.
14. **SALES TAX EXEMPTION:** The State of Utah's sales and use tax exemption number is E33399. The tangible personal property or services being purchased are being paid from State funds and used in the exercise of that entity's essential functions. If the items being purchased are construction materials, they will be converted into real property by employees of this government entity, unless otherwise stated in the contract.
15. **WARRANTY:** The contractor agrees to warrant and assume responsibility for all products (including hardware, firmware, and/or software products) that it licenses, contracts, or sells to the State of Utah under this contract for a period of one year, unless otherwise specified and mutually agreed upon elsewhere in this contract. The contractor (seller) acknowledges that all warranties granted to the buyer by the Uniform Commercial Code of the State of Utah apply to this contract. Product liability disclaimers and/or warranty disclaimers from the seller are not applicable to this contract unless otherwise specified and mutually agreed upon elsewhere in this contract. In general, the contractor warrants that: (1) the product will do what the salesperson said it would do, (2) the product will live up to all specific claims that the manufacturer makes

in their advertisements, (3) the product will be suitable for the ordinary purposes for which the product is used, (4) the product will be suitable for any special purposes that the State has relied on the contractor's skill or judgment to consider when it advised the State about the product, (5) the product has been properly designed and manufactured, and (6) the product is free of significant defects or unusual problems about which the State has not been warned. Remedies available to the State include the following: The contractor will repair or replace (at no charge to the State) the product whose nonconformance is discovered and made known to the contractor in writing. If the repaired and/or replaced product proves to be inadequate, or fails of its essential purpose, the contractor will refund the full amount of any payments that have been made. Nothing in this warranty will be construed to limit any rights or remedies the State of Utah may otherwise have under this contract.

16. **PUBLIC INFORMATION:** Contractor agrees that the contract will be a public document, and may be available for distribution. and Contractor gives the State express permission to make copies of the contract and/or of the response to the solicitation in accordance with the State of Utah Government Records Access and Management Act. The permission to make copies as noted will take precedence over any statements of confidentiality, proprietary information, copyright information, or similar notation.
17. **DELIVERY:** Unless otherwise specified in this contract, all deliveries will be F.O.B. destination with all transportation and handling charges paid by the Contractor. Responsibility and liability for loss or damage will remain with Contractor until final inspection and acceptance when responsibility will pass to the State except as to latent defects, fraud and Contractor's warranty obligations.
18. **ORDERING AND INVOICING:** All orders will be shipped promptly in accordance with the delivery schedule. The Contractor will promptly submit invoices (within 30 days of shipment or delivery of services) to the State. The State contract number and/or the agency purchase order number shall be listed on all invoices, freight tickets, and correspondence relating to the contract order. The prices paid by the State will be those prices listed in the contract. The State has the right to adjust or return any invoice reflecting incorrect pricing.
19. **PAYMENT:** Payments are normally made within 30 days following the date the order is delivered or the date a correct invoice is received, whichever is later. All payments to the Contractor will be remitted by mail unless paid by the State of Utah's Purchasing Card.
20. **PATENTS, COPYRIGHTS, ETC.:** The Contractor will release, indemnify and hold the State, its officers, agents and employees harmless from liability of any kind or nature, including the Contractor's use of any copyrighted or un-copyrighted composition, secret process, patented or un-patented invention, article or appliance furnished or used in the performance of this contract.
21. **ASSIGNMENT/SUBCONTRACT:** Contractor will not assign, sell, transfer, subcontract or sublet rights, or delegate responsibilities under this contract, in whole or in part, without the prior written approval of the State.
22. **DEFAULT AND REMEDIES:** Any of the following events will constitute cause for the State to declare Contractor in default of the contract:
1. Nonperformance of contractual requirements; 2. A material breach of any term or condition of this contract. The State will issue a written notice of default providing a ten (10) day period in which Contractor will have an opportunity to cure. Time allowed for cure will not diminish or eliminate Contractor's liability for damages. If the default remains, after Contractor has been provided the opportunity to cure, the State may do one or more of the following: 1. Exercise any remedy provided by law; 2. Terminate this contract and any related contracts or portions thereof; 3. Impose liquidated damages, if liquidated damages are listed in the contract; 4. Suspend Contractor from receiving future solicitations.
23. **FORCE MAJEURE:** Neither party to this contract will be held responsible for delay or default caused by fire, riot, acts of God and/or war which is beyond that party's reasonable control. The State may terminate this contract after determining such delay or default will reasonably prevent successful performance of the contract.
24. **PROCUREMENT ETHICS:** The Contractor understands that a person who is interested in any way in the sale of any supplies, services, construction, or insurance to the State of Utah is violating the law if the person gives or offers to give any compensation, gratuity, contribution, loan or reward, or any promise thereof to any person acting as a procurement officer on behalf of the State, or who in any official capacity participates in the procurement of such supplies, services, construction, or insurance, whether it is given for their own use or for the use or benefit of any other person or organization (63-56-73, Utah Code Annotated, 1953, as amended).
25. **CONFLICT OF TERMS:** Contractor Terms and Conditions that apply must be in writing and attached to the contract. No other Terms and Conditions will apply to this contract including terms listed or referenced on a Contractor's website, terms listed in a Contractor quotation/sales order, etc. In the event of any conflict in the contract terms and conditions, the order of precedence shall be: 1. State Standard Terms and Conditions; 2. State Special Terms and Conditions; 3. Contractor Terms and Conditions.

(Revision date: Nov 21, 2003)

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

1.0 SCOPE OF WORK FOR INSTALLATION, RELOCATION, AND REPAIR OF THE ATMS DEVICES

This contract is for the Installation, Relocation, and Repairs of the ATMS Devices at various locations for the Utah Department of Transportation. The locations for the work will include UDOT Regions 1, 2, 3 and 4. Work in Region 1 will cover Davis, Weber, Box Elder and Cache counties. Work in Region 2 will cover Tooele, Salt Lake and Summit counties. Work in Region 3 will cover Utah County. Work in Region 4 will cover the cities of Price, Moab, Richfield, Cedar City and St. George. Wages must conform to Bacon and Davis wage rates.

1.2 Installation of ATMS Devices

A general description of the work under this contract is as follows:

1.2.1 Installation of Ramp Meter

Contractor shall supply labor, materials, picking up state furnished item, tools and equipment to install a Ramp Meter. The ramp meter shall included the Mast Arm Signal Pole, Mast Arm, LED ball module, detection loops, ATMS cabinet and other item specified in the plans. The Region Project Manager will supply the project installation plans.

1.2.2 Installation of Closed Circuit Television (CCTV)

Contractor shall supply labor, materials, pick up state furnished item, tools and equipment to install a CCTV. The CCTV shall include the CCTV Assemble system, CCTV pole, ATMS cabinet and other item specified in the plans. The Region Project Manager will supply the project installation plans.

1.2.3 Installation of Traffic Monitoring Station (TMS)

Contractor shall supply labor, materials, pick up state furnished item, tools and equipment to install a TMS. The TMS shall include detection loops, ATMS cabinet and other item specified in the plans. The Region Project Manager will supply the project installation plans.

1.2.4 Installation of Road Weather Information System (RWIS) sites

Contractor shall supply labor, materials, pick up state furnished item, tools and equipment to install a RWIS. The RWIS site shall include cabinet, tower, chain link fence, and other item specified in the plans. The Region Project Manager will supply the project installation plans.

1.2.5 Miscellaneous Work as directed may include trenching, conduit repair, and individual equipment use.

1.2.6 All electrical work shall be done or supervised by a Utah State Certified Journeyman Electrician. Preference shall be given in the Technical Qualification/Certification portion of the selection process for those personnel with IMSA Level 2 certification. Copies of journeymen and IMSA certification shall be submitted with bid submittal.

1.2.7 Flagger and Traffic Control Maintainer certification shall be submitted with bid submittal.

1.3.1 Scheduled Work

The Contractor shall submit a starting date and estimated time to complete work when the cost estimate is submitted. See section 3.1.1 "Execution" for additional information.

1.3.1.1 Work will be ordered by State on an as needed bases.

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

1.3.2.1 Standard Specifications Include:

- 1.3.2.1.1 Section 01554 Traffic Control
- 1.3.2.1.2 Section 01571 Temporary Environmental Controls
- 1.3.2.1.3 Section 02056 Common fill
- 1.3.2.1.4 Section 02061 Select Aggregate.
- 1.3.2.1.5 Section 02075 Geotextiles
- 1.3.2.1.6 Section 02078 Asphalt Overlay Fabric
- 1.3.2.1.7 Section 02221 Removal Structure and Obstruction
- 1.3.2.1.8 Section 02222 Site Demolition – Concrete
- 1.3.2.1.9 Section 02231 Site Clearing and Grubbing
- 1.3.2.1.10 Section 02312 Grading for Landscapes
- 1.3.2.1.11 Section 02316 Road Excavation
- 1.3.2.1.12 Section 02376 Erosion Control Blankets/channel Liners
- 1.3.2.1.13 Section 02741 Hot Mix Asphalt – Bike and Pedestrian Paths.
- 1.3.2.1.14 Section 02752 Portland Cement Concrete Pavement
- 1.3.2.1.15 Section 02771 Curbs, Gutters, Driveways, Pedestrian Access Ramps, and Plowable End Sections
- 1.3.2.1.16 Section 02776 Concrete Sidewalk, Median filler, and Flatwork.
- 1.3.2.1.17 Section 02821 Chain Link Fencing and Gates
- 1.3.2.1.18 Section 02891 Traffic Signs
- 1.3.2.1.19 Section 02892 Traffic Signal
- 1.3.2.1.20 Section 02922 Seed, Turf Seed, and Turf Sod.
- 1.3.2.1.21 Section 02938 Tree Pruning
- 1.3.2.1.22 Section 03575 Flowable Fill
- 1.3.2.1.23 Section 03934 Structural Pothole Patching
- 1.3.2.1.24 Section 13551 General ATMS Requirements
- 1.3.2.1.25 Section 13553 ATMS Conduit;
- 1.3.2.1.26 Section 13554 Polymer Concrete Junction Box
- 1.3.2.1.27 Section 13556 Closed Circuit Television (CCTV) Assembly
- 1.3.2.1.28 Section 13592 Installation of State Furnished RWIS-ES
- 1.3.2.1.29 Section 13593 Weigh In Motion System
- 1.3.2.1.30 Section 13594 Fiber Optic Communication
- 1.3.2.1.31 Section 16525 Highway Lighting
- 1.3.2.1.32 Section 16526 Electrical Work Bridges

These specifications are found under Project Development on the UDOT Web site (www.udot.utah.gov) .

Special Provisions

- 1.3.2.2.1 Solar Power Battery Back Up- Exhibit -I
- 1.3.2.2.2 Special Provision 13553S ATMS Conduit – Exhibit -II
- 1.3.2.2.3 Special Provision 0223S ATMS Power Service – Exhibit - III

1.4 Estimated quantities included and prices are in Attachment B, Scope of Work. Payment shall be based on actual quantities placed. Any increase or decrease in quantities shall not be grounds for adjusting the unit bid prices.

1.5 UDOT Contact Information

1.5.1 UDOT Contact Personnel

Contract Issues

Joseph C. McBride
2060 South 2760 West
Salt Lake City, Utah 84104-4592
Phone (801) 887-3716

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

Fax (801) 887-3797
Cell (801) 514-9781
E-Mail joemcbride@utah.gov

General Construction Issues and TOC Field Operation Manager

Bill Butterfield
2060 South 2760 West
Salt Lake City, Utah 84104-4592
Phone (801) 887-3748
Fax (801) 887-3797
Cell (801) 514-9748
E-Mail wbutterfield@utah.gov

Region 1 Project Manager

Sam Sherman
2060 South 2760 West
Salt Lake City, Utah 84104-4592
Phone (801) 887-3744
Fax (801) 887-3797
Cell (801) 330-2683
E-Mail ssherman@utah.gov

Region 2 Project Manager

Mark Parry
2060 South 2760 West
Salt Lake City, Utah 84104-4592
Phone (801) 887-3768
Fax (801) 887-3797
Cell (801) 514-9784
E-Mail moparry@utah.gov

Region 3 and 4 Project Manager

Brad Cameron
2060 South 2760 West
Salt Lake City, Utah 84104-4592
Phone (801) 964-4573
Fax (801) 887-3797
Cell (801) 514-5722
E-Mail bcameron@utah.gov

1.5.1.8 Regional Traffic Control Contacts to Approve Traffic Control Plan

Region 1

Darin Duersch
Phone (801) 620-1619
Fax (801) 620-1665
E-Mail dduersch@utah.gov

Region 2

Mack Christensen
Phone (801) 975-4827
Fax (801) 975-4811
E-Mail mackchristensen@utah.gov

Region 3

Doug Bassett

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

Phone (801) 227-8061
Fax (801) 227-8049
E-Mail dbasset@utah.gov

Region 4
Troy Torgerson
Phone (435) 893-4707
FAX (435) 896-6458
E-Mail ttorgerson@utah.gov

1.6 The contractor shall comply with the policies, procedures and safety standards for traffic control plans and the application of traffic control devices as set forth in the "Manual on Uniform Traffic Control Devices" (see section 8.1 for reference material) during all work being conducted. Certified flag persons are required. Contractor must provide proof of certification of trained traffic-control personnel.

1.7 UDOT Safety Regulations
Contractor shall continually meet all UDOT work zone and safety requirements including the wearing of protective clothing (hard hats, retro-reflective orange and safety-toed shoes). Properly maintained equipment, along with certified and trained operators, are required. This information is found in OSHA CFR196.651 (D).

1.8 The Contractor shall abide by UDOT's Regulations for the Accommodation of Utilities and the Control and Protection of Highway Rights-Of-Way. Obtain a copy at www.dot.utah.gov/esd/Manuals/Utilities/utilities.htm. The contractor will also follow Blue Stake procedures prior to digging.

2.0 PRODUCTS

2.1 Price list is part of (Attachment B- Pricing)

2.2 Measurement and Payment Scope Of work (Scope of work)

2.3 Prices includes cost of mobilization.

3.0 EXECUTION

3.1 Request for Work

3.1.1 Estimates

Written estimates will be required for each requested job for approximation purposes only. Payment will be based on actual work completed. Any increase or decrease in quantities will not be grounds for adjusting the unit bid prices. Estimates shall be in good faith for labor and materials required to complete a work order in a timely manner. Estimates will be used to ensure an understanding between State and the Contractor. Estimates will not be strictly binding to the Contractor if unanticipated construction conditions impact the work. Unanticipated construction conditions are items such as weather conditions, delays in delivery of materials, and utility connection delays.

3.1.2 Contractor's Written Estimate

Estimate shall include a form with space for the following items:

Description of Work:

Estimate:

Date to begin Work:

Estimated time to complete Work:

Estimate Approved by:

Scope of Work

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

Work Authorized by:
For Utah Department of Transportation Date:
Notification of Region Traffic Engineer Date:

4.0 AUTHORIZATION OF WORK

4.1 Approval of Estimates

Approval of estimate for work will occur when Region Project Managers signs and returns the estimate with a work-order number identified with an expected completion date. No job shall be started without written approval by State. If the State does not agree with the estimate, State will negotiate the price of the scope of work with the Contractor.

4.2 Work Order Inspection and Acceptance

Region Project Manager or designated person will perform inspection of the repair work.

The inspector shall conduct an inspection upon receiving notice from the Contractor of work-order completion. If the work order is satisfactorily completed, the inspection shall constitute the final inspection. The inspector will provide notification to the Contractor in writing indicating the job number and date the inspection was accepted.

4.3 Work Not Accepted

If after an inspection of repair work, Region Project Manager finds any unsatisfactory work, the Contractor will have two (2) business days to rectify the unsatisfactory work.

4.4 Upon correction of the work, another inspection will be conducted. If the additional inspection is satisfactory with the non-accepted work corrected, this will constitute the final inspection.

4.5 When work has been satisfactorily completed, State will provide notification to the Contractor in writing indicating the job number and date the inspection was accepted.

4.6 Contractor Work in UDOT Right of Way

Contractor shall notify Region Project Manager of any work being done for clients other than UDOT in UDOT's Right of Way.

4.7 Discovery of Historic, Archeological or Paleontological Objects

4.7.1 Immediately suspend construction operations in the vicinity of the discovery if a suspected historic, archeological or Paleontological item, feature, prehistoric dwelling site or artifacts of historic or archeological significance are encountered.

4.7.2 Verbally notify Region Project Manager of the nature and exact location of the findings.

4.7.3 Region Project Manager contacts the State archeological authorities who will determine their disposition.

4.7.4 Protect the discovered objects and provide written confirmation of the discovery to Region Project Manager within two (2) calendar days.

4.7.5 Region Project Manager keeps Contractor informed concerning the status of restriction.

4.7.6 The time necessary for Department to handle the discovered item, feature or site is variable and dependent on the nature and condition of the discovery.

4.7.7 Expect a two (2) week or more delay in the vicinity of the discovery.

4.7.8 Region Project Manager will provide written confirmation when restriction is terminated.

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

4.7.9 If a changed condition is approved, it will be controlled in accordance with Section 00725, article 1.4, Differing Site Conditions.

5.0 TRAFFIC CONTROL PROCEDURE

5.1 Approval of Traffic Control Plan

5.1.1 After Approval of Estimate.

The appropriate Region Traffic Engineer will determine the restricted hours on an individual basis for work scheduled. Contractor will be restricted from working in travel lanes in the direction of rush hour traffic during peak commute times.

Region 1 Traffic Engineer Telephone Number: 801-620-1600

Region 2 Traffic Engineer Telephone Number: 801-975-9700

Region 3 Traffic Engineer Telephone Number: 801-227-8000

Region 4 Traffic Engineer Telephone Number: 435-893-4799

5.2 Installation of Traffic Control

5.2.1 Traffic control shall be the responsibility of Contractor. Contractor shall design and have the design signed and approved by the Region Traffic Engineer. The Contractor may show the traffic control plan on UDOT's traffic control standard drawings. Standard drawing TC13, TC 2B, and TC9 may be found at <http://www.udot.utah.gov/index.php/m=c/tid=646> Contractor must notify Regional Project Managers a minimum of fourteen (14) business days prior to beginning of work.

5.3 TRAFFIC CONTROL MAINTAINER AND TRAFFIC CONTROL DEVICES

Contractor will comply with the policies, procedures and safety standards for traffic control plans and the application of traffic control devices as set forth in the "Manual on Uniform Traffic Control Devices" or as amended by the Region Traffic Engineer. Certified flag persons are required. Contractor must provide proof of certification of trained traffic-control maintainer.

5.4 SAFETY REGULATION

Contractor shall continually meet all UDOT work zone and safety requirements including, but not limited to, the wearing of protective clothing (hard hats, retro-reflective orange and safety-toed shoes). Properly maintained equipment, along with certified and trained operators, are required. This information is found in OSHA CFR196.651 (D).

5.5 SUB-CONTRACTOR

Contractor shall not sub-contract more than 20 percent of the work.

5.6 RIGHTS-OF-WAY

The Contractor shall abide by UDOT's Regulations for the Accommodation of Utilities and the Control and Protection of Highway Rights-Of-Way. Obtain a copy at www.dot.utah.gov/esd/Manuals/Utilities/utilities.htm.

5.7 ELECTRICAL WORK

All electrical work shall be done or supervised by a Utah State Certified Journeyman Electrician. Copies of journeymen and IMSA level 2 certification shall be provided.

5.8 PAYMENT PROCEDURE

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

- 5.9 Contractor's invoices for work shall be submitted monthly. If the invoice contains more than one work order, the amount of each work order shall be identified separately.
- 6.0 No invoice shall be processed until all pertinent and current documentation is supplied. Invoices shall indicate the following:
- Work-order number (referenced to written estimate and authorization)
 - Location and date of the work
 - Tabulation of contract pay-item quantities and contract unit prices
 - All required documentation as specified within pay-item descriptions
 - Contract number
- 6.1 AUDITS
- 6.2 The Department shall conduct regular audits on the cost records of this contract.
- 6.3 A copy of the "Manual on Uniform Traffic Control Devices, Latest Edition" (MUTCD) may be purchased from UDOT's Traffic and Safety Division.
- 6.4 A copy of "Instruction to Flaggers Handbook" may be purchased from UDOT's Traffic and Safety Division.
- 6.5 UDOT Standard Specifications section may be found under Project Development on UDOT's Web site at www.udot.utah.gov.

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

MEASURE AND PAYMENTS

The Department will measure and pay based on each of the following criteria.

Payment is contingent upon acceptance by the Department.

Items are listed by Specification and what's to be included in prices:

Item Number	Item Name	Unit of Measurement and Payment
Additional information		
1	Traffic Control for New Installation Beyond the Shoulder	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required for traffic control when work is beyond the shoulder. Plans to be on an 8 1/2 x 11 inch sheet of paper showing modification of standard drawings. Traffic control plans must be submitted and approved by the Region Traffic Engineer. Plans will be submitted five business days prior to the beginning of work. See MUTCD page 6H-6 and 6H-7 "Work Beyond the Shoulder" for a typical application.	
2	Traffic Control for Work within the Shoulder	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required for traffic control when work is a shoulder operation. Plans to be on an 8 1/2 x 11 inch sheet of paper showing modification of standard drawings. Traffic control plans must be submitted and approved by the Region Traffic Engineer. Plans will be submitted five business days prior to the beginning of work. See UDOT's standard drawing TC13 for a typical application	
3	Traffic Control for Single Lane Closure	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required for traffic control when work requires the closure of a single traffic lane. Plans to be on an 8 1/2 x 11 inch sheet of paper showing modification of standard drawings. The work zone shall be a maximum of 500 feet. Traffic control plans must be submitted and approved by the Region Traffic Engineer. Plans will be submitted five business days prior to the beginning of work. See UDOT's standard drawing TC2B for a typical application.	
4	Traffic Control for Two Lane Closure	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required for traffic control when work requires the closure of two traffic lanes. Plans may be on an 8 1/2 x 11 inch sheet of paper showing modification of standard drawings. The work zone shall be a maximum of 500 feet. Traffic control plans must be submitted and approved by the Region Traffic Engineer. Plans will be submitted five business days prior to the beginning of work. See UDOT's standard drawing TC9 for a typical application.	
5	Traffic Control Maintainer	Hour
	Includes all mobilization, materials, labor, workmanship, and equipment required for Traffic Control Maintainer. See UDOT specification sections 01554 Traffic Control.	
6	Flagging (State Projects)	Hour
	<p>A. Increase or decrease in the estimated quantities for Flagging is not cause for a unit price adjustment.</p> <p>B. Unit bid price for "Flagging" is from \$6.00 per hour minimum to \$16.00 per hour maximum. Department will adjust any bid proposal for "Flagging" less than \$6.00 per hour up to this minimum amount, and any bid proposal greater than \$16.00 per hour down to this maximum amount by the Department.</p> <p>The Department will consider the adjusted bid item for flagging the Contractor's bid for the item "Flagging", recalculate the Contractor's bid, and use the revised total to compare with other bids to determine the low bid for award.</p> <p>2. The Department will pay the adjusted unit price for flagging.</p> <p>See UDOT's specification sections 01554 Traffic Control and standard drawing TC14 for a typical application</p>	

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

7	Flagging (Federal Projects)	Hour
	<ol style="list-style-type: none"> 1. An increase or decrease in the estimated quantities for Flagging is not cause for a unit price adjustment. 2. Unit bid price for "Flagging" is from \$8.25 per hour minimum to \$16.00 per hour maximum. 3. The Department will adjust any bid proposal for "Flagging" less than \$8.25 per hour up to this minimum amount, and any bid proposal greater than \$16.00 per hour down to this maximum amount. 4. The Department will consider the adjusted bid item for flagging the Contractor's bid for the item "Flagging", recalculate the Contractor's bid, and use the revised total to compare with other bids to determine the low bid for award. <p>The Department will pay the adjust unit price for flagging. See UDOT's specification section 01554 Traffic Control and standard drawing TC14 for a typical application</p>	
8	Construction Sign	Sq ft/day
	Includes all mobilization, materials, labor, workmanship, and equipment required for a Construction Sign. See UDOT's specification section 01554 Traffic Control and standard drawing TC1B for a typical application.	
9	Plastic Barrels	Dev/day
	Includes all mobilization, materials, labor, workmanship, and equipment required to Place plastic barrel or plastic drums on the project. See UDOT's specification section 01554 Traffic Control standard drawing TC1A for a typical application	
10	Barricades Type I	Dev/day
	Includes all mobilization, materials, labor, workmanship, and equipment required to place barricades type 1 on the project. See UDOT's specification section 01554 Traffic Control and standard drawing TC1A for a typical application.	
11	Barricades Type II	Dev/day
	Includes all mobilization, materials, labor, workmanship, and equipment required to place barricades type II on the project. See UDOT's specification section 01554 Traffic Control and standard drawing TC1A for a typical application	
12	Barricades Type III	Dev/day
	Includes all mobilization, materials, labor, workmanship, and equipment required to place barricades type III on the project. See UDOT's specification section 01554 Traffic Control and standard drawing TC1A for a typical application	
13	Vertical Panel	Dev/day
	Includes all mobilization, materials, labor, workmanship, and equipment required to place vertical panel on the project. See UDOT's specification section 01554 Traffic Control and standard drawing TC1A for a typical application	
14	Check Dam	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to place Check Dam on project. See UDOT's specification sections 01571 Temporary Environmental Controls and standard drawing EN1, EN2, EN3, EN4, and EN5 for a typical application.	
15	Silt Fence Slope Barrier	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to place Silt Fence Slope Barrier on project. See UDOT's specification sections 01571 Temporary Environmental Controls and standard drawing EN1, EN2, EN3, EN4, and EN5 for a typical application.	
16	Slope Drain	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to place Slope Drain on project. See UDOT's specification sections 01571 Temporary Environmental Controls and standard drawing EN1, EN2, EN3, EN4, and EN5 for a typical application.	

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

17	Drop-inlet Barrier	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to place Drop-inlet Barrier on project. See UDOT's specification sections 01571 Temporary Environmental Controls and standard drawing EN1, EN2, EN3, EN4, and EN5 for a typical application.	
18	Sediment Trap	Cu ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to place Sediment Trap on project. See UDOT's specification sections 01571 Temporary Environmental Controls and standard drawing EN1, EN2, EN3, EN4, and EN5 for a typical application.	
19	Temporary Berm	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to place Temporary Berm on project. See UDOT's specification sections 01571 Temporary Environmental Controls and standard drawing EN1, EN2, EN3, EN4, and EN5 for a typical application.	
20	Curb Inlet Barrier	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to place Curb Inlet Barrier on project. See UDOT's specification sections 01571 Temporary Environmental Controls and standard drawing EN1, EN2, EN3, EN4, and EN5 for a typical application.	
21	Sand	Ton
	Includes all mobilization, materials, labor, workmanship, and equipment required to place sand on project. See UDOT specification sections 02056 Common fill.	
22	Free Draining Granular Backfill Borrow	Cu yd
	Includes all mobilization, materials, labor, workmanship, and equipment required to place free draining granular backfill borrow on project. See UDOT specification sections 02061 Select Aggregate.	
23	Geotextiles - Weed barrier	Sq yd
	Includes all mobilization, materials, labor, workmanship, and equipment required to place Geotextiles – weed barrier on project. See UDOT specification sections 02075 Geotextiles	
24	Asphalt Fabric	Sq yd
	Includes all mobilization, materials, labor, workmanship, and equipment required to place asphalt fabric on project. See UDOT specification sections 02078 Asphalt Overlay Fabric.	
25	Remove Manhole	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the removal of manholes on project. The manholes are for large fiber optic vaults. See UDOT specification sections 02221 Removal structure and Obstruction.	
26	Remove Concrete Sidewalk	Sq yd
	Includes all mobilization, materials, labor, workmanship, and equipment required in the removal of concrete sidewalk on project. See UDOT specification sections 02222 Site Demolition – Concrete	
27	Remove Concrete Driveway	Sq yd
	Includes all mobilization, materials, labor, workmanship, and equipment required in the removal of concrete driveway on project. See UDOT specification sections 02222 Site Demolition – Concrete	
28	Remove Concrete Pavement	Sq yd
	Includes all mobilization, materials, labor, workmanship, and equipment required in the removal of concrete pavement on project. See UDOT specification sections 02222 Site Demolition – Concrete	
29	Removal of Asphalt Pavement	Sq yd
	Includes all mobilization, materials, labor, workmanship, and equipment required in the removal of asphalt pavement on project. See UDOT specification sections 02316 Road Excavation.	
30	Site Clearing and Grubbing	Sq yd
	Includes all mobilization, materials, labor, workmanship, and equipment required in Site Clearing and Grubbing on project. See UDOT specification sections 02231 Site Clearing and Grubbing	
31	Landscape Grading	Sq yd
	Includes all mobilization, materials, labor, workmanship, and equipment required in landscape grading on project. See UDOT specification sections 02312 Grading for Landscapes.	

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

32		Erosion Control Blanket	Sq yd
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of erosion control blanket on project. See UDOT specification sections 02376 Erosion Control blankets/Channel Liners.		
33		Portland Cement Concrete Pavement 7 inch Thick	Sq ft
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Portland Cement Concrete Pavement 7 inch thick on project. See UDOT specification sections 02752 Portland Cement Concrete Pavement.		
34		Concrete Curb and gutter Type B1	Lineal Foot
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Concrete Curb and gutter Type B1 on project. See UDOT specification sections 02771 Curbs, Gutters, Driveways, Pedestrian Access Ramps, and Plowable End Sections.		
35		Pedestrian Access Ramp Type A	Sq ft
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Pedestrian Access Ramp type A on project. See UDOT specification sections 02752 Portland Cement Concrete Pavement.		
36		Concrete Sidewalk	Sq ft
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Concrete Sidewalk on project. See UDOT specification sections 02776 Concrete Sidewalk, Median filler, and Flatwork.		
37		Concrete Flatwork 6 inch thick	Sq yd
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Concrete Flatwork 6 inch thick on project. See UDOT specification sections 02776 Concrete Sidewalk, Median filler, and Flatwork.		
38		Hot Mix Asphalt	Sq yd
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Hot Mix Asphalt on project. See UDOT specification sections 02741, Hot Mix Asphalt.		
39		Drill Seed	Acres
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Drill Seed on project. See UDOT specification sections 02922 Seed, Turf Seed, and Turf Sod.		
40		Turf Seed	1000 sq ft
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Turf Seed on project. See UDOT specification sections 02922 Seed, Turf Seed, and Turf Sod.		
41		Broadcast Seed	Acres
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Broadcast Seed on project. See UDOT specification sections 02922 Seed, Turf Seed, and Turf Sod.		
42		Broadcast Seed	1000 sq ft
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Broadcast Seed on project. See UDOT specification sections 02922 Seed, Turf Seed, and Turf Sod.		
43		Broadcast Turf Seed	1000 sq ft
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Broadcast Turf Seed on project. See UDOT specification sections 02922 Seed, Turf Seed, and Turf Sod.		
44		Turf Sod	Sq ft
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Turf Sod on project. See UDOT specification sections 02922 Seed, Turf Seed, and Turf Sod.		
45		Tree Pruning	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in Tree Pruning on project. See UDOT specification sections 02938 Tree Pruning.		

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

46	Mast Arm Signal Pole (50 ft to 65 ft) - State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required in the placement of Mast Arm Signal Pole (50 ft to 65 ft) on project. See UDOT specification sections 02892 Traffic Signal and standard drawing SL 4.	
47	Mast Arm Signal Pole (50 ft to 65 ft Foundation	Each
	Includes all mobilization, materials, labor, workmanship, , and equipment required in the placement of Mast Arm Signal Pole (50 ft to 65 ft) foundation on project. See UDOT specification sections 02892 Traffic Signal and standard drawing SL 4.	
48	65 ft Mast Arm – State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required in the placement of 65 ft Mast Arm on project. . See UDOT specification sections 02892 Traffic Signal and standard drawing. SL 2.	
49	40 Ft Light Pole Extension with 10 ft Arm – State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required in the placement of 40 Ft Light Pole Extension with 10 ft Arm on project. See UDOT specification sections 02892 Traffic Signal and standard drawing SL 1A and SL1B	
50	480V Highway Luminaire– State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials and equipment required in the placement of 480V Highway Luminaire on project. See UDOT specification sections 01652 Highway Lighting..	
51	240V Highway Luminaire– State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials and equipment required in the placement of 240V Highway Luminaire on project. See UDOT specification sections 01652 Highway Lighting.	
52	Pedestrian Pole, State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required in the placement of Pedestrian Pole on project. See UDOT specification sections 02892 Traffic Signal and standard drawing SL 5 and SL 9.	
53	Pedestrian Pole Foundation	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement pedestrian pole foundation on project. See UDOT specification sections 02892 Traffic Signal and standard drawing SL 5.	
54	1 inch Dia. X 36 inch Anchor Bolt with Hardware	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of 1 inch Dia. X 36 inch Anchor Bolt with Hardware on project. See UDOT specification sections 02892 Traffic Signal and standard drawing SL 4, and SL 5.	
55	1.5 inch Dia. X 54 inch Anchor Bolt with Hardware	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of 1.5 inch Dia. X 54 inch Anchor Bolt with Hardware on project. See UDOT specification sections 02892 Traffic Signal, 13556 Closed Circuit Television (CCTV) Assemble, and standard drawing SL 4, SL 5 and AT12.	
56	2 inch Diameter Arch Bolt with Hardware	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of 2 inch Diameter Arch Bolt Set on project. See UDOT specification sections 02892 Traffic Signal and standard drawing SL 4, and SL 5.	
57	LED Ball and Arrow Signal Module, State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required in the installation of LED Ball and Arrow Signal Module on project. See UDOT specification sections 02892 Traffic Signal and standard drawing SL 8.	
58	LED Pedestrian Signal Module, State Furnished	Each

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required in the placement of LED Pedestrian Signal Module on project. See UDOT specification sections 02892 Traffic Signal and standard drawing SL 8 and SL 9.	
59	Power Source, Pole Mount	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Power Source on project. See UDOT specification sections 2892 Traffic Signal and standard drawing SL6.	
60	Power Source, Underground Service Pedestal	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Power Source on project. See UDOT specification sections 02892 Traffic Signal and standard drawing SL3.	
61	Size G Cabinet Pole Mount- State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required in the placement of Size G Cabinet Pole Mount on project. See UDOT specification sections 02892 Traffic Signal.	
62	Size 5 Cabinet - State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required in the placement of Size 5 Cabinet on project. See UDOT specification sections 02892 Traffic Signal and standard drawing. SL 10.	
63	Size 5 Cabinet Foundation	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Size 5 Cabinet Foundation on project. See UDOT specification sections 02892 Traffic Signal and standard drawing. SL 10.	
64	Size 6 Cabinet - State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required in the placement of Size 6 Cabinet on project. See UDOT specification sections 02892 Traffic Signal and standard drawing. SL 10.	
65	Size 6 Cabinet Foundation	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Size 6 Cabinet Foundation on project. See UDOT specification sections 02892 Traffic Signal and standard drawing. SL 10.	
66	Mast Arm Mounted Sign - State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required in the placement of Mast Arm Mounted Sign on project. See UDOT specification sections 02892 Traffic Signal and standard drawing. SL 2.	
67	IMSA 51-3, 1 wire, AWG 14 gage	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install IMSA 51-3, 1 wire, AWG 14 gage, on project. See UDOT specification sections 02892 Traffic Signal	
68	IMSA 51-7, 2 wires, AWG 14 gage	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install IMSA 51-7, 2 wires, AWG 14 gage on project. See UDOT specification sections 02892 Traffic Signal	
69	IMSA 50-2, 2 wire, AWG 14 gage	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install IMSA 50-2, 2 wire, AWG 14 gage on project. See UDOT specification sections 02892 Traffic Signal	
70	IMSA 20-1, 3 wire, AWG 14 gage	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install IMSA 20-1, 3 wires AWG 14 gage on project. See UDOT specification sections 02892 Traffic Signal	
71	IMSA 20-1, 4 wire, AWG 14 gage	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install IMSA 20-1, 4 wires AWG 14 gage on project. See UDOT specification sections 02892 Traffic Signal	

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

72		IMSA 20-1, 7 wire, AWG 14 gage	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install IMSA 20-1, 7 wires, Special Provision 02923S ATMS Power Service, AWG 14 gage on project. See UDOT specification sections 02892 Traffic Signal		
73		RHH-USE-RHW, AWG 4 gage	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install RHHUSE-RHW, AWG 4 gage on project. See UDOT specification sections 02892 Traffic Signal		
74		RHH-USE-RHW, AWG 6 gage	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install RHHUSE-RHW, 6 gage on project. See UDOT specification sections 02892 Traffic Signal		
75		RHH-USE-RHW, AWG 8 gage	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install RHHUSE-RHW, AWG 8 gage on project. See UDOT specification sections 02892 Traffic Signal		
76		Belden RG-59	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install Belden RG-59 on project. See UDOT specification sections 02892 Traffic Signal		
77		Belden RG-8	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install Belden RG-8on project. See UDOT specification sections 02892 Traffic Signal		
78		Belden 9913	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install Belden 9913 on project. See UDOT specification sections 02892 Traffic Signal		
79		6 pair Belden AWG No. 19	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install 6 pair Belden AWG No 19on project. See UDOT specification sections 02892 Traffic Signal		
80		Times LMR 600	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install Times LMR 600 on project. See UDOT specification sections 02892 Traffic Signal		
81		Bare Copper Ground Wire, No. 6	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install Bare Copper Ground Wire, No. 6 on project. See UDOT specification sections 02892 Traffic Signal		
82		Electrical Work Bridges	Linear Ft.
	Includes all mobilization, materials, labor, workmanship, and equipment required to install Electrical Work Bridges on project. See UDOT specification sections 16526 Electrical Work Bridges.		
83		Ground Rods	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to install Ground Rods on project. See UDOT specification sections 02892 Traffic Signal. 13592 Installation of State furnished RWIS-ES, 13555 ATMS cabinet, and 13554 Polymer Concert Junction Box.		
84		Traffic Counting Loop Detector	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Traffic Counting Loop Detector on project. See UDOT specification sections 02892 Traffic Signal and standard drawing SL 11, and SL 12.		
85		Video Detection Assemblies - State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Video Detection Assemblies on project. See UDOT specification sections 02892 Traffic Signal		
86		Video Detection Controller - State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required in the placement of Video Detection Controller on project. See UDOT specification sections 02892 Traffic Signal		

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

87		Video Detection Cable Assembly - State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required in the placement of Video Detection Cable Assembly on project. See UDOT specification sections 02892 Traffic Signal		
88		Camera Mount, Video Detection with 46 inch Tube State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Camera Mount, Video Detection with 46 inch Tube on project. See UDOT specification sections 02892 Traffic Signal		
89		Solar Power Battery Back Up – State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required in the placement of Solar Power Battery Back Up – State Furnished on project. See Special Provision Attachment T Solar Power Battery Back Up		
90		Wood Pole 35 ft – State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials and equipment required in the placement of Wood Pole 35 ft on project. See UDOT specification sections 13551 General ATMS Requirements, and 13556 Closed Circuit Television (CCTV) Assembly.		
91		Flowable Fill	Cu yd
	Includes all mobilization, material, labor, workmanship, and equipment required to fill the remainder of the trench between the 3 inches of flowable backfill above the conduit and up to the paved surface. See UDOT specification sections 03575 Flowable Fill.		
92		Pothole Patching – Concrete	Sq ft
	Includes all mobilization, materials, labor, workmanship, and equipment required in placement of Pothole Patching – Concrete on project. See UDOT specification sections 03934 Structural Pothole Patching.		
93		Pothole Patching – Asphalt	Sq ft
	Includes all mobilization, materials, labor, workmanship, and equipment required in placement of Pothole Patching – Concrete on project. See UDOT specification sections 02741 Hot Mix Asphalt – Bike and Pedestrian Paths.		
94		2 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to install conduit. Includes all incidental items, such as trenching, backfill, flowable fill 3 inches above the conduit, protection of area prior to final layer, warning tape, locate wire, pull rope, bend sections, couplings, duct seal, bushings, adapters, and all other materials and labor necessary to complete installations. Includes all conduits in trench. See UDOT Special Provision 13553S ATMS Conduit and standard drawing AT 1, and AT 6.		
95		2 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to install conduit. Includes all incidental items, such as trenching, backfill, flowable fill 3 inches above the conduit, protection of area prior to final layer, warning tape, locate wire, pull rope, bend sections, couplings, duct seal, bushings, adapters, and all other materials and labor necessary to complete installations. Includes all conduits in trench. See UDOT Special Provision 13553S ATMS Conduit and standard drawing AT 1, and AT 6.		

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Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

96	2 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to install conduit. Includes all incidental items, such as trenching, backfill, flowable fill 3 inches above the conduit, protection of area prior to final layer, warning tape, locate wire, pull rope, bend sections, couplings, duct seal, bushings, adapters, and all other materials and labor necessary to complete installations. Includes all conduits in trench. See UDOT Special Provision 13553S ATMS Conduit and standard drawing AT 1, and AT 6.	
97	2 inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to install conduit. Includes all incidental items, such as trenching, backfill, flowable fill 3 inches above the conduit, protection of area prior to final layer, warning tape, locate wire, pull rope, bend sections, couplings, duct seal, bushings, adapters, and all other materials and labor necessary to complete installations. Includes all conduits in trench. See UDOT Special Provision 13553S ATMS Conduit and standard drawing AT 1, and AT 6.	
98	2 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to install all conduit. Includes all incidental items, such as boring/drilling equipment, locate wire, pull rope, bend sections, couplings, duct seal, bushings, adapters, and all other materials and labor necessary to complete installations. Includes all conduits. See UDOT Special Provision 13553S ATMS Conduit and standard drawing AT 1, and AT 6.	
99	2 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to install all conduit. Includes all incidental items, such as trenching, backfill, flowable fill 3 inches above the conduit, resurfacing of road, replacement of sidewalk, re-seeding or sod work, all restoration of vegetation, repair or replacement of damaged sprinkler systems, protection of area prior to final layer, restriping of pavement, warning tape, locate wire, pull rope, bend sections, couplings, duct seal, bushings, adapters, and all other materials and labor necessary to complete installations. Includes all conduits in trench. See UDOT Special Provision 13553S ATMS Conduit and standard drawing AT 1, and AT 6.	
100	3 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to install conduit. Includes all incidental items, such as trenching, backfill, flowable fill 3 inches above the conduit, protection of area prior to final layer, warning tape, locate wire, pull rope, bend sections, couplings, duct seal, bushings, adapters, and all other materials and labor necessary to complete installations. Includes all conduits in trench. See UDOT Special Provision 13553S ATMS Conduit and standard drawing AT 1, and AT 6.	
101	3 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to install conduit. Includes all incidental items, such as trenching, backfill, flowable fill 3 inches above the conduit, protection of area prior to final layer, warning tape, locate wire, pull rope, bend sections, couplings, duct seal, bushings, adapters, and all other materials and labor necessary to complete installations. Includes all conduits in trench. See UDOT Special Provision 13553S ATMS Conduit and standard drawing AT 1, and AT 6.	

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

102	3 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to install conduit. Includes all incidental items, such as trenching, backfill, flowable fill 3 inches above the conduit, protection of area prior to final layer, warning tape, locate wire, pull rope, bend sections, couplings, duct seal, bushings, adapters, and all other materials and labor necessary to complete installations. Includes all conduits in trench. See UDOT Special Provision 13553S ATMS Conduit and standard drawing AT 1, and AT 6.	
103	3 Inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to install conduit. Includes all incidental items, such as trenching, backfill, flowable fill 3 inches above the conduit, protection of area prior to final layer, warning tape, locate wire, pull rope, bend sections, couplings, duct seal, bushings, adapters, and all other materials and labor necessary to complete installations. Includes all conduits in trench. See UDOT Special Provision 13553S ATMS Conduit and standard drawing AT 1, and AT 6.	
104	3 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to install all conduit. Includes all incidental items, such as boring/drilling equipment, locate wire, pull rope, bend sections, couplings, duct seal, bushings, adapters, and all other materials and labor necessary to complete installations. Includes all conduits. See UDOT Special Provision 13553S ATMS Conduit and standard drawing AT 1, and AT 6.	
105	3 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft
	Includes all mobilization, materials, labor, workmanship, and equipment required to install all conduit. Includes all incidental items, such as trenching, backfill, flowable fill 3 inches above the conduit, resurfacing of road, replacement of sidewalk, re-seeding or sod work, all restoration of vegetation, repair or replacement of damaged sprinkler systems, protection of area prior to final layer, restriping of pavement, warning tape, locate wire, pull rope, bend sections, couplings, duct seal, bushings, adapters, and all other materials and labor necessary to complete installations. Includes all conduits in trench. See UDOT Special Provision 13553S ATMS Conduit and standard drawing AT 1, and AT 6.	
106	Closed Circuit Television (CCTV) Assembly System –State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to install Closed Circuit Television (CCTV) Assembly System on project. See UDOT specification sections System 13551 General ATMS Requirements, 13556 Closed Circuit Television (CCTV) Assembly, and standard drawing AT 1, AT10, AT11, AT12, and AT17 for a typical application.	
107	ATMS Cabinet, State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required to install ATMS Cabinet on project. See UDOT specification sections 13555 ATMS Cabinet, 13551 General ATMS Requirements, and standard drawing AT 1, AT8, and AT9 for a typical application..	
108	ATMS Cabinet Foundation	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to install ATMS Cabinet Foundation on project. See UDOT specification sections 13555 ATMS Cabinet, 13551 General ATMS Requirements and standard drawing AT 1, AT8, and AT9 for a typical application..	
109	45 Ft Camera Pole	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of 45 Ft Camera Pole on project. See UDOT specification sections System 13551 General ATMS Requirements, 13556 Closed Circuit Television (CCTV) Assembly, and standard drawing AT 1, AT10, AT11, AT12, and AT17 for a typical application.	

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

110	45 Ft Camera Pole Foundation	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to install 45 Ft Camera Pole Foundation on project. See UDOT specification sections 13555 ATMS Cabinet, 13551 General ATMS Requirements, 13556 Closed Circuit Television (CCTV) Assembly and standard drawing AT 1, AT8, and AT9 for a typical application.	
111	60 Ft Camera Pole	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of 60 Ft Camera Pole Installed on project. . See UDOT specification sections 13551 General ATMS Requirements, 13556 Closed Circuit Television (CCTV) Assembly, and standard drawing AT 1, AT10, AT11, AT12, and AT17 for a typical application...	
112	60 Ft Camera Pole Foundation	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to install 60 Ft Camera Pole Foundation on project. See UDOT specification sections 13555 ATMS Cabinet, 13551 General ATMS Requirements, 13556 Closed Circuit Tele vision (CCTV) Assembly, Special Provision 02923S ATMS Power Service, and standard drawing AT 1, AT8, and AT9 for a typical application..	
113	7 ft Chain Link Fence Type IV	Lineal Foot
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of 7 ft Chain Link Fence Type IV on project. See UDOT specification sections 2821 Chain Link Fencing and Gates and Standard Drawing FG6.	
114	7 ft. Chain Link Fence, Type I with Barb Wire Arm	Lineal Foot
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of 7 ft Chain Link Fence, Type I with Barb Wire Arm on project. See UDOT specification sections 02821 Chain Link Fencing and Gates and Standard Drawing FG6.	
115	Chain Link Brace Post	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Chain Link Brace Post on project. See UDOT specification sections 02821 Chain Link Fencing and Gates and Standard Drawing FG6.	
116	Chain Link Gate, H=6 ft X W=6 ft	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required in the placement of Chain Link Gate, H=6 ft X W= 4 ft on project. See UDOT specification sections 2821 Chain Link Fencing and Gates and Standard Drawing FG6.	
117	RWIS-ESS - State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required to install complete footings and tower base, for solar and non-solar RWIS-ESS sites on the project. See UDOT specification sections 13592 Installation of State Furnished RWIS-ES, 13551 General ATMS Requirements S, and standard drawing AT 1, AT15, AT16, and AT17 for a typical application.	
118	Weigh In Motion System - State Furnished	Each
	Includes all mobilization, materials, labor, workmanship, pickup state furnished materials, and equipment required to install Weigh In Motion System on project. See UDOT specification sections 13593 Weigh In Motion System, 13551 General ATMS Requirements and standard drawing AT 1, and AT 14 for a typical application..	
119	Reconstruct Manhole	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to reconstruct manholes. See UDOT specification sections 13554 Polymer Concrete Junction Box and standard drawing AT 1, and AT7 for a typical application	

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

120	Type I-Polymer Concrete Junction Box	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to furnish and install junction boxes as shown on the plans and details. Includes all incidental items, such as concrete collars around junction boxes, grout, lids, backfill, maintenance markers, duct seal, ground rods, termination kits, removal and disposal of existing boxes, excavation, grading, disposal of surplus materials and all other materials, labor and equipment necessary to complete the installation of junction boxes. See UDOT specification sections 13554 Polymer Concrete Junction Box and standard drawing AT 1, and AT7 for a typical application.	
121	Type II-Polymer Concrete Junction Box	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to furnish and install junction boxes as shown on the plans and details. Includes all incidental items, such as concrete collars around junction boxes, grout, lids, backfill, maintenance markers, duct seal, ground rods, termination kits, removal and disposal of existing boxes, excavation, grading, disposal of surplus materials and all other materials, labor and equipment necessary to complete the installation of junction boxes. See UDOT specification sections 13554 Polymer Concrete Junction Box and standard drawing AT 1, and AT7 for a typical application.	
122	Type III-Polymer Concrete Junction Box	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to furnish and install junction boxes as shown on the plans and details. Includes all incidental items, such as concrete collars around junction boxes, grout, lids, backfill, maintenance markers, duct seal, ground rods, termination kits, removal and disposal of existing boxes, excavation, grading, disposal of surplus materials and all other materials, labor and equipment necessary to complete the installation of junction boxes. See UDOT specification sections 13554 Polymer Concrete Junction Box and standard drawing AT 1, and AT7 for a typical application.	
123	Type I-Polymer Concrete Junction Box Extension	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to furnish and install junction boxes as shown on the plans and details. Includes all incidental items, such as concrete collars around junction boxes, grout, lids, backfill, maintenance markers, duct seal, ground rods, termination kits, removal and disposal of existing boxes, excavation, grading, disposal of surplus materials and all other materials, labor and equipment necessary to complete the installation of junction boxes. See UDOT specification sections 13554 Polymer Concrete Junction Box and standard drawing AT 1, and AT7 for a typical application.	
124	Type II-Polymer Concrete Junction Box Extension	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to furnish and install junction boxes as shown on the plans and details. Includes all incidental items, such as concrete collars around junction boxes, grout, lids, backfill, maintenance markers, duct seal, ground rods, termination kits, removal and disposal of existing boxes, excavation, grading, disposal of surplus materials and all other materials, labor and equipment necessary to complete the installation of junction boxes. See UDOT specification sections 13554 Polymer Concrete Junction Box and standard drawing AT 1, and AT7 for a typical application.	
125	Type III-Polymer Concrete Junction Box Extension	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to furnish and install junction boxes as shown on the plans and details. Includes all incidental items, such as concrete collars around junction boxes, grout, lids, backfill, maintenance markers, duct seal, ground rods, termination kits, removal and disposal of existing boxes, excavation, grading, disposal of surplus materials and all other materials, labor and equipment necessary to complete the installation of junction boxes. See UDOT specification sections 13554 Polymer Concrete Junction Box and standard drawing AT 1, and AT7 for a typical application.	
126	Lighting Power Source Ground Mount	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to install Lighting Power Source Ground Mount on project. See UDOT specification sections 16525 Highway Lighting, , Special Provision 02923S ATMS Power Service, and standard drawing SL 3.	

ATTACHMENT B- SCOPE OF WORK

Installation, Relocation, and Repairs of Advanced Traffic Management System (ATMS) Devices

127		Lighting Power Source Pole Mount	Each
	Includes all mobilization, materials, labor, workmanship, and equipment required to install Lighting Power Source Pole Mount on project. See UDOT specification sections 16525 Highway Lighting, Special Provision 02923S ATMS Power Service, and standard drawing SL 6.		
128		5 Ton Crane with operator and laborer	Per Hour
	Includes all mobilization, labor, and equipment required for a 5 ton Crane with operator and laborer on project.		
129		Bucket Truck having a 65 foot working height with operator	Per Hour
	Includes all mobilization, labor, and equipment required for a Bucket Truck having a 65 foot working height with operator on project		
130		Flat bed truck 1 ton with operator	Per Hour
	Includes all mobilization, labor, and equipment required for a Flat bed truck 1 ton with operator on project		
131		Backhoe Loader with transport and operator – Size CAT 240D or equivalent	Per Hour
	Includes all mobilization, labor, and equipment required for a Backhoe with operator on project		
132		Auger Truck 36" diameter and 8 to 12 feet depth with operator	Per Hour
	Includes all mobilization, labor, and equipment required for a Auger Truck with operator on project		
133		Auger Truck 42" diameter and 11 to 32 feet depth with operator	Per Hour
	Includes all mobilization, labor, and equipment required for a Auger Truck with operator on project		
134		5 ton Dump Truck with operator	Per Hour
	Includes all mobilization, labor, and equipment required for a 5 ton Dump Truck per hour with operator on project		

Attachment B-Pricing
Installation, Relocation, and Repair of the ATMS Devices
Box Elder and Cache Counties
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
1	Traffic Control for New Installation Beyond the Shoulder	Each	10.0	\$ 237.00	
2	Traffic Control for Work within the Shoulder	Each	10.0	\$ 237.00	
3	Traffic Control for Single Lane Closure	Each	5.0	\$ 270.00	
4	Traffic Control for Two Lane Closure	Each	5.0	\$ 297.00	
5	Traffic Control Maintainer	Hour	30.0	\$ 34.56	
6	Flagging (State Projects)	Hour	30.0	\$ 31.32	
7	Flagging (Federal Projects)	Hour	30.0	\$ 37.26	
8	Construction Sign	Sq ft/d	500.0	\$ 0.14	
9	Plastic Barrels	Dev/d	100.0	\$ 0.86	
10	Barricades Type I	Dev/d	20.0	\$ 0.49	
11	Barricades Type II	Dev/d	20.0	\$ 0.52	
12	Barricades Type III	Dev/d	15.0	\$ 3.46	
13	Vertical Panel	Dev/d	20.0	\$ 0.52	
14	Check Dam	Lineal Ft	200.0	\$ 16.74	
15	Silt Fence Slop Barrier	Lineal Ft	200.0	\$ 2.70	
16	Slope Drain	Lineal Ft	200.0	\$ 29.16	
17	Drop-inlet Barrier	Lineal Ft	200.0	\$ 16.74	
18	Sediment Trap	Cu ft	25.0	\$ 2.59	
19	Temporary Berm	Lineal Ft	25.0	\$ 5.94	
20	Curb Inlet Barrier	Each	10.0	\$ 70.20	
21	Sand	Ton	2.0	\$ 19.17	
22	Free Draining Granular Backfill Borrow	Cu yd	5.0	\$ 49.68	
23	Geotextiles - Weed barrier	Sq yd	24.0	\$ 3.24	
24	Asphalt Fabric	Sq yd	20.0	\$ 1.19	
25	Remove Manhole	Each	1.0	\$ 756.00	
26	Remove Concrete Sidewalk	Sq yd	10.0	\$ 6.48	
27	Remove Concrete Driveway	Sq yd	50.0	\$ 7.99	
28	Remove Concrete Pavement	Sq yd	50.0	\$ 7.07	
29	Removal of Asphalt Pavement	Sq yd	50.0	\$ 6.48	
30	Site Clearing and Grubbing	Sq yd	100.0	\$ 1.08	
31	Landscape Grading	Sq yd	50.0	\$ 1.62	
32	Erosion Control Blanket	Sq yd	24.0	\$ 10.80	
33	Portland Cement Concrete Pavement 7 inch Thick	Sq ft	50.0	\$ 19.44	
34	Concrete Curb and gutter Type B1	Lineal Ft	25.0	\$ 9.72	
35	Pedestrian Access Ramp Type A	Sq Ft	4.0	\$ 4.32	
36	Concrete Sidewalk	Sq ft	60.0	\$ 6.48	
37	Concrete Flatwork 6 inch thick	Sq Yd	100.0	\$ 12.96	
38	Hot Mix Asphalt	Sq Yd	10.0	\$ 17.82	
39	Drill Seed	Acres	0.5	\$ 540.00	
40	Turf Seed	1000 sq ft	100.0	\$ 14.04	
41	Broadcast Seed	Acres	0.5	\$ 540.00	
42	Broadcast Seed	1000 sq ft	500.0	\$ 16.20	
43	Broadcast Turf Seed	1000 sq ft	500.0	\$ 20.52	
44	Turf Sod	Sq ft	20.0	\$ 2.16	
45	Tree Pruning	Each	2.0	\$ 378.00	
46	Mast Arm Signal Pole (50 ft to 65 ft) - State Furnished	Each	4.0	\$ 432.00	
47	Mast Arm Signal Pole (50 ft to 65 ft Foundation	Each	4.0	\$ 3,456.00	
48	65 ft Mast Arm - State Furnished	Each	4.0	\$ 594.00	
49	40 Ft Light Pole Extension with 10 ft Arm - State Furnished	Each	2.0	\$ 421.20	
50	480V Highway Liminaire - State Furnished	Each	2.0	\$ 270.00	
51	240V Highway Liminaire - State Furnished	Each	2.0	\$ 270.00	
52	Pedestrian Pole - State Furnished	Each	4.0	\$ 189.00	
53	Pedestrian Pole Foundation	Each	4.0	\$ 1,512.00	
54	1 inch Dia. X 36 inch Anchor Bolt with Hardware	Each	4.0	\$ 145.80	
55	1.5 inch Dia. X 54 inch Anchor Bolt with Hardware	Each	5.0	\$ 167.40	
56	2 inch Diameter Arch Bolt with Hardware	Each	4.0	\$ 178.20	
57	LED Ball and Arrow Signal Module, State Furnished	Each	24.0	\$ 162.00	
58	LED Pedestrian Signal Module, State Furnished	Each	4.0	\$ 102.60	
59	Power Source, Pole Mount	Each	2.0	\$ 810.00	
60	Power Source, Underground Service Pedestal	Each	4.0	\$ 1,080.00	
61	Size G Cabinet Pole Mount – State Furnished	Each	1.0	\$ 162.00	

Attachment B-Pricing
Installation, Relocation, and Repair of the ATMS Devices
Box Elder and Cache Counties
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
62	Size 5 Cabinet – State Furnished	Each	2.0	\$ 243.00	
63	Size 5 Cabinet Foundation	Each	2.0	\$ 810.00	
64	Size 6 Cabinet - State Furnished	Each	2.0	\$ 378.00	
65	Size 6 Cabinet Foundation	Each	2.0	\$ 972.00	
66	Mast Arm Mounted Sign - State Furnished	Each	4.0	\$ 81.00	
67	IMSA 51-3, 1 wire, AWG 14 gage	Linear Ft.	500.0	\$ 2.05	
68	IMSA 51-7, 2 wires,AWG 14 gage	Linear Ft.	500.0	\$ 1.21	
69	IMSA 50-2, 2 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.40	
70	IMSA 20-1, 3 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.46	
71	IMSA 20-1, 4 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.49	
72	IMSA 20-1, 7 wire, AWG 14 gage	Linear Ft.	500.0	\$ 2.05	
73	RHHUSE-USE-RHW, 4 gage	Linear Ft.	500.0	\$ 1.84	
74	RHHUSE-USE-RHW, 6 gage	Linear Ft.	500.0	\$ 1.73	
75	RHHUSE-USE-RHW, 8 gage	Linear Ft.	500.0	\$ 1.62	
76	Belden RG-59	Linear Ft.	500.0	\$ 1.40	
77	Belden RG-8	Linear Ft.	500.0	\$ 2.05	
78	Belden 9913	Linear Ft.	500.0	\$ 1.84	
79	6 pair Belden AWG No. 19	Linear Ft.	500.0	\$ 2.43	
80	Times LMR 600	Linear Ft.	500.0	\$ 3.35	
81	Bare Copper Ground Wire, No. 6	Linear Ft.	500.0	\$ 1.03	
82	Electrical Work Bridges	Linear Ft.	500.0	\$ 12.96	
83	Ground Rods	Each	6.0	\$ 81.00	
84	Traffic Counting Loop Detector	Each	4.0	\$ 783.00	
85	Video Detection Assemblies - State Furnished	Each	1.0	\$ 540.00	
86	Video Detection Controller - State Furnished	Each	1.0	\$ 421.20	
87	Video Detection Cable Assembly - State Furnished	Each	1.0	\$ 243.00	
88	Camera mount, video Detection with 46 inch Tube State Furnished	Each	5.0	\$ 216.00	
89	Solar Power Battery Back Up – State Furnished	Each	4.0	\$ 318.60	
90	Wood Pole 35 ft – State Furnished	Each	6.0	\$ 216.00	
91	Flowable Fill	Cu yd	50.0	\$ 91.80	
92	Pothole Patching – Concrete	Sq ft	50.0	\$ 43.20	
93	Pothole Patching – Asphalt	Sq ft	50.0	\$ 5.40	
94	2 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$ 10.26	
95	2 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 11.02	
96	2 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 11.88	
97	2 inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 13.34	
98	2 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	100.0	\$ 24.30	
99	2 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	100.0	\$ 24.30	
100	3 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$ 10.96	
101	3 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 11.66	
102	3 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 12.53	
103	3 Inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 13.72	
104	3 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	100.0	\$ 24.84	
105	3 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	100.0	\$ 24.84	
106	Closed Circuit Television (CCTV) Assembly System –State Furnished	Each	5.0	\$ 486.00	
107	ATMS Cabinet, State Furnished	Each	5.0	\$ 810.00	
108	ATMS Cabinet Foundation	Each	5.0	\$ 810.00	
109	45 Ft Camera Pole	Each	5.0	\$ 1,620.00	
110	45 Ft Camera Pole Foundation	Each	5.0	\$ 3,456.00	
111	60 Ft Camera Pole	Each	1.0	\$ 1,944.00	
112	60 Ft Camera Pole Foundation	Each	1.0	\$ 3,780.00	
113	7 ft Chain Link Fence Type IV	Lineal Ft	40.0	\$ 20.41	
114	7 ft. Chain Link Fence, Type I with Barb Wire Arm	Lineal Ft	40.0	\$ 26.46	
115	Chain Link Brace Post	Each	8.0	\$ 76.68	
116	Chain Link Gate, H=6 ft X W=6 ft	Each	1.0	\$ 329.40	
117	RWIS-ESS - State Furnished	Each	5.0	\$ 2,775.60	
118	Weigh In Motion System - State Furnished	Each	1.0	\$ 2,268.00	
119	Reconstruct Manhole	Each	1.0	\$ 918.00	
120	Type I-Polymer Concrete Junction Box	Each	10.0	\$ 637.00	

Attachment B-Pricing
Installation, Relocation, and Repair of the ATMS Devices
Box Elder and Cache Counties
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
121	Type II-Polymer Concrete Junction Box	Each	10.0	\$756.00	
122	Type III-Polymer Concrete Junction Box	Each	5.0	\$1,042.20	
123	Type I-Polymer Concrete Junction Box Extension	Each	10.0	\$118.80	
124	Type II-Polymer Concrete Junction Box Extension	Each	10.0	\$297.00	
125	Type III-Polymer Concrete Junction Box Extension	Each	5.0	\$529.20	
126	Lighting Power Source Ground Mount	Each	10.0	\$1,042.20	
127	Lighting Power Source Pole Mount	Each	10.0	\$702.00	
128	5 Ton Crane with operator and laborer	Per Hour	100.0	\$291.60	
129	Bucket Truck having a 65 foot working height with operator	Per Hour	100.0	\$153.36	
130	Flat bed truck 1 ton with operator	Per Hour	100.0	\$83.16	
131	Backhoe Loader with transport and operator – Size CAT 240D or equivalent	Per Hour	100.0	\$124.20	
132	Auger Truck 36" diameter and 8 to 12 feet depth with operator	Per Hour	100.0	\$102.60	
133	Auger Truck 42" diameter and 11 to 32 feet depth with operator	Per Hour	100.0	\$159.84	
134	5 ton Dump Truck per hour with operator	Per Hour	100.0	\$91.80	

Attachment B Pricing
Installation, Relocation, and Repair of the ATMS Devices
Davis and Weber Counties
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
1	Traffic Control for New Installation Beyond the Shoulder	Each	10.0	\$ 220.00	
2	Traffic Control for Work within the Shoulder	Each	10.0	\$ 220.00	
3	Traffic Control for Single Lane Closure	Each	5.0	\$ 250.00	
4	Traffic Control for Two Lane Closure	Each	5.0	\$ 275.00	
5	Traffic Control Maintainer	Hour	30.0	\$ 32.00	
6	Flagging (State Projects)	Hour	30.0	\$ 29.00	
7	Flagging (Federal Projects)	Hour	30.0	\$ 34.50	
8	Construction Sign	Sq ft/d	500.0	\$ 0.13	
9	Plastic Barrels	Dev/d	100.0	\$ 0.80	
10	Barricades Type I	Dev/d	20.0	\$ 0.45	
11	Barricades Type II	Dev/d	20.0	\$ 0.48	
12	Barricades Type III	Dev/d	15.0	\$ 3.20	
13	Vertical Panel	Dev/d	20.0	\$ 0.48	
14	Check Dam	Lineal Ft	200.0	\$ 15.50	
15	Silt Fence Slop Barrier	Lineal Ft	200.0	\$ 2.50	
16	Slope Drain	Lineal Ft	200.0	\$ 27.00	
17	Drop-inlet Barrier	Lineal Ft	200.0	\$ 15.50	
18	Sediment Trap	Cu ft	25.0	\$ 4.20	
19	Temporary Berm	Lineal Ft	25.0	\$ 5.50	
20	Curb Inlet Barrier	Each	10.0	\$ 65.00	
21	Sand	Ton	2.0	\$ 17.75	
22	Free Draining Granular Backfill Borrow	Cu yd	5.0	\$ 46.00	
23	Geotextiles - Weed barrier	Sq yd	24.0	\$ 3.00	
24	Asphalt Fabric	Sq yd	20.0	\$ 1.10	
25	Remove Manhole	Each	1.0	\$ 700.00	
26	Remove Concrete Sidewalk	Sq yd	10.0	\$ 6.00	
27	Remove Concrete Driveway	Sq yd	50.0	\$ 7.40	
28	Remove Concrete Pavement	Sq yd	50.0	\$ 6.55	
29	Removal of Asphalt Pavement	Sq yd	50.0	\$ 6.00	
30	Site Clearing and Grubbing	Sq yd	100.0	\$ 1.00	
31	Landscape Grading	Sq yd	50.0	\$ 1.50	
32	Erosion Control Blanket	Sq yd	24.0	\$ 10.00	
33	Portland Cement Concrete Pavement 7 inch Thick	Sq ft	50.0	\$ 18.00	
34	Concrete Curb and gutter Type B1	Lineal Ft	25.0	\$ 9.00	
35	Pedestrian Access Ramp Type A	Sq Ft	4.0	\$ 4.00	
36	Concrete Sidewalk	Sq ft	60.0	\$ 6.00	
37	Concrete Flatwork 6 inch thick	Sq Yd	100.0	\$ 12.00	
38	Hot Mix Asphalt	Sq Yd	10.0	\$ 16.50	
39	Drill Seed	Acres	0.5	\$ 500.00	
40	Turf Seed	1000 sq ft	100.0	\$ 13.00	
41	Broadcast Seed	Acres	0.5	\$ 500.00	
42	Broadcast Seed	1000 sq ft	500.0	\$ 15.00	
43	Broadcast Turf Seed	1000 sq ft	500.0	\$ 19.00	
44	Turf Sod	Sq ft	20.0	\$ 2.00	
45	Tree Pruning	Each	2.0	\$ 350.00	
46	Mast Arm Signal Pole (50 ft to 65 ft) - State Furnished	Each	4.0	\$ 400.00	
47	Mast Arm Signal Pole (50 ft to 65 ft Foundation	Each	4.0	\$ 3,200.00	
48	65 ft Mast Arm - State Furnished	Each	4.0	\$ 550.00	
49	40 Ft Light Pole Extension with 10 ft Arm - State Furnished	Each	2.0	\$ 390.00	
50	480V Highway Liminaire - State Furnished	Each	2.0	\$ 250.00	
51	240V Highway Liminaire - State Furnished	Each	2.0	\$ 250.00	
52	Pedestrian Pole - State Furnished	Each	4.0	\$ 175.00	
53	Pedestrian Pole Foundation	Each	4.0	\$ 1,400.00	
54	1 inch Dia. X 36 inch Anchor Bolt with Hardware	Each	4.0	\$ 135.00	
55	1.5 inch Dia. X 54 inch Anchor Bolt with Hardware	Each	5.0	\$ 135.00	
56	2 inch Diameter Arch Bolt with Hardware	Each	4.0	\$ 165.00	
57	LED Ball and Arrow Signal Module, State Furnished	Each	24.0	\$ 150.00	
58	LED Pedestrian Signal Module, State Furnished	Each	4.0	\$ 95.00	
59	Power Source, Pole Mount	Each	2.0	\$ 750.00	
60	Power Source, Underground Service Pedestal	Each	4.0	\$ 1,000.00	

Attachment B Pricing
Installation, Relocation, and Repair of the ATMS Devices
Davis and Weber Counties
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
61	Size G Cabinet Pole Mount – State Furnished	Each	1.0	\$ 150.00	
62	Size 5 Cabinet – State Furnished	Each	2.0	\$ 225.00	
63	Size 5 Cabinet Foundation	Each	2.0	\$ 750.00	
64	Size 6 Cabinet - State Furnished	Each	2.0	\$ 350.00	
65	Size 6 Cabinet Foundation	Each	2.0	\$ 900.00	
66	Mast Arm Mounted Sign - State Furnished	Each	4.0	\$ 75.00	
67	IMSA 51-3, 1 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.90	
68	IMSA 51-7, 2 wires,AWG 14 gage	Linear Ft.	500.0	\$ 1.12	
69	IMSA 50-2, 2 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.30	
70	IMSA 20-1, 3 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.35	
71	IMSA 20-1, 4 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.38	
72	IMSA 20-1, 7 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.90	
73	RHHUSE-USE-RHW, 4 gage	Linear Ft.	500.0	\$ 1.70	
74	RHHUSE-USE-RHW, 6 gage	Linear Ft.	500.0	\$ 1.60	
75	RHHUSE-USE-RHW, 8 gage	Linear Ft.	500.0	\$ 1.50	
76	Belden RG-59	Linear Ft.	500.0	\$ 1.30	
77	Belden RG-8	Linear Ft.	500.0	\$ 1.90	
78	Belden 9913	Linear Ft.	500.0	\$ 1.70	
79	6 pair Belden AWG No. 19	Linear Ft.	500.0	\$ 2.25	
80	Times LMR 600	Linear Ft.	500.0	\$ 3.10	
81	Bare Copper Ground Wire, No. 6	Linear Ft.	500.0	\$ 0.95	
82	Electrical Work Bridges	Linear Ft.	500.0	\$ 12.00	
83	Ground Rods	Each	6.0	\$ 75.00	
84	Traffic Counting Loop Detector	Each	4.0	\$ 725.00	
85	Video Detection Assemblies - State Furnished	Each	1.0	\$ 500.00	
86	Video Detection Controller - State Furnished	Each	1.0	\$ 390.00	
87	Video Detection Cable Assembly - State Furnished	Each	1.0	\$ 225.00	
88	Camera mount, video Detection with 46 inch Tube State Furnished	Each	5.0	\$ 200.00	
89	Solar Power Battery Back Up – State Furnished	Each	4.0	\$ 295.00	
90	Wood Pole 35 ft – State Furnished	Each	6.0	\$ 200.00	
91	Flowable Fill	Cu yd	50.0	\$ 85.00	
92	Pothole Patching – Concrete	Sq ft	50.0	\$ 40.00	
93	Pothole Patching – Asphalt	Sq ft	50.0	\$ 5.00	
94	2 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$ 9.50	
95	2 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 10.20	
96	2 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 11.00	
97	2 inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 12.35	
98	2 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	100.0	\$ 22.50	
99	2 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	100.0	\$ 22.50	
100	3 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$ 10.15	
101	3 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 10.80	
102	3 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 11.60	
103	3 Inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 12.70	
104	3 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	100.0	\$ 23.00	
105	3 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	100.0	\$ 23.00	
106	Closed Circuit Television (CCTV) Assembly System –State Furnished	Each	5.0	\$ 450.00	
107	ATMS Cabinet, State Furnished	Each	5.0	\$ 750.00	
108	ATMS Cabinet Foundation	Each	5.0	\$ 750.00	
109	45 Ft Camera Pole	Each	5.0	\$ 1,500.00	
110	45 Ft Camera Pole Foundation	Each	5.0	\$ 3,200.00	
111	60 Ft Camera Pole	Each	1.0	\$ 1,800.00	
112	60 Ft Camera Pole Foundation	Each	1.0	\$ 3,500.00	
113	7 ft Chain Link Fence Type IV	Lineal Ft	40.0	\$ 18.90	
114	7 ft. Chain Link Fence, Type I with Barb Wire Arm	Lineal Ft	40.0	\$ 24.50	
115	Chain Link Brace Post	Each	8.0	\$ 71.00	
116	Chain Link Gate, H=6 ft X W=6 ft	Each	1.0	\$ 305.00	
117	RWIS-ESS - State Furnished	Each	5.0	\$ 2,750.00	
118	Weigh In Motion System - State Furnished	Each	1.0	\$ 2,100.00	

Attachment B Pricing
Installation, Relocation, and Repair of the ATMS Devices
Davis and Weber Counties
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
119	Reconstruct Manhole	Each	1.0	\$ 850.00	
120	Type I-Polymer Concrete Junction Box	Each	10.0	\$ 590.00	
121	Type II-Polymer Concrete Junction Box	Each	10.0	\$700.00	
122	Type III-Polymer Concrete Junction Box	Each	5.0	\$965.00	
123	Type I-Polymer Concrete Junction Box Extension	Each	10.0	\$110.00	
124	Type II-Polymer Concrete Junction Box Extension	Each	10.0	\$275.00	
125	Type III-Polymer Concrete Junction Box Extension	Each	5.0	\$490.00	
126	Lighting Power Source Ground Mount	Each	10.0	\$965.00	
127	Lighting Power Source Pole Mount	Each	10.0	\$650.00	
128	5 Ton Crane with operator and laborer	Per Hour	100.0	\$270.00	
129	Bucket Truck having a 65 foot working height with operator	Per Hour	100.0	\$142.00	
130	Flat bed truck 1 ton with operator	Per Hour	100.0	\$77.00	
131	Backhoe Loader with transport and operator – Size CAT 240D or equivalent	Per Hour	100.0	\$115.00	
132	Auger Truck 36" diameter and 8 to 12 feet depth with operator	Per Hour	100.0	\$95.00	
133	Auger Truck 42" diameter and 11to 32 feet depth with operator	Per Hour	100.0	\$148.00	
134	5 ton Dump Truck per hour with operator	Per Hour	100.0	\$85.00	

Attachment-B Pricing
Installation, Relocation, and Repair of ATMS Devices
Summit County

	DESCRIPTION	unit	quantity	unit price	extended price
1	Traffic Control for New Installation Beyond the Shoulder	Each	10.0	\$ 281.60	
2	Traffic Control for Work within the Shoulder	Each	10.0	\$ 281.60	
3	Traffic Control for Single Lane Closure	Each	5.0	\$ 320.00	
4	Traffic Control for Two Lane Closure	Each	5.0	\$ 352.00	
5	Traffic Control Maintainer	Hour	30.0	\$ 40.96	
6	Flagging (State Projects)	Hour	30.0	\$ 37.12	
7	Flagging (Federal Projects)	Hour	30.0	\$ 4.16	
8	Construction Sign	Sq ft/d	500.0	\$ 0.17	
9	Plastic Barrels	Dev/d	100.0	\$ 1.02	
10	Barricades Type I	Dev/d	20.0	\$ 0.58	
11	Barricades Type II	Dev/d	20.0	\$ 0.61	
12	Barricades Type III	Dev/d	15.0	\$ 4.10	
13	Vertical Panel	Dev/d	20.0	\$ 0.61	
14	Check Dam	Lineal Ft	200.0	\$ 19.84	
15	Silt Fence Slop Barrier	Lineal Ft	200.0	\$ 3.20	
16	Slope Drain	Lineal Ft	200.0	\$ 34.56	
17	Drop-inlet Barrier	Lineal Ft	200.0	\$ 19.84	
18	Sediment Trap	Cu ft	25.0	\$ 3.07	
19	Temporary Berm	Lineal Ft	25.0	\$ 7.04	
20	Curb Inlet Barrier	Each	10.0	\$ 83.20	
21	Sand	Ton	2.0	\$ 22.72	
22	Free Draining Granular Backfill Borrow	Cu yd	5.0	\$ 58.88	
23	Geotextiles - Weed barrier	Sq yd	24.0	\$ 3.84	
24	Asphalt Fabric	Sq yd	20.0	\$ 1.14	
25	Remove Manhole	Each	1.0	\$ 896.00	
26	Remove Concrete Sidewalk	Sq yd	10.0	\$ 7.68	
27	Remove Concrete Driveway	Sq yd	50.0	\$ 9.47	
28	Remove Concrete Pavement	Sq yd	50.0	\$ 8.38	
29	Removal of Asphalt Pavement	Sq yd	50.0	\$ 7.68	
30	Site Clearing and Grubbing	Sq yd	100.0	\$ 1.28	
31	Landscape Grading	Sq yd	50.0	\$ 1.92	
32	Erosion Control Blanket	Sq yd	24.0	\$ 1,280.00	
33	Portland Cement Concrete Pavement 7 inch Thick	Sq ft	50.0	\$ 23.04	
34	Concrete Curb and gutter Type B1	Lineal Ft	25.0	\$ 11.52	
35	Pedestrian Access Ramp Type A	Sq Ft	4.0	\$ 5.12	
36	Concrete Sidewalk	Sq ft	60.0	\$ 7.68	
37	Concrete Flatwork 6 inch thick	Sq Yd	100.0	\$ 15.36	
38	Hot Mix Asphalt	Sq Yd	10.0	\$ 21.12	
39	Drill Seed	Acres	0.5	\$ 640.00	
40	Turf Seed	1000 sq ft	100.0	\$ 16.64	
41	Broadcast Seed	Acres	0.5	\$ 640.00	
42	Broadcast Seed	1000 sq ft	500.0	\$ 19.20	
43	Broadcast Turf Seed	1000 sq ft	500.0	\$ 24.32	
44	Turf Sod	Sq ft	20.0	\$ 2.56	
45	Tree Pruning	Each	2.0	\$ 448.00	
46	Mast Arm Signal Pole (50 ft to 65 ft) - State Furnished	Each	4.0	\$ 512.00	
47	Mast Arm Signal Pole (50 ft to 65 ft Foundation	Each	4.0	\$ 4,096.00	
48	65 ft Mast Arm - State Furnished	Each	4.0	\$ 704.00	
49	40 Ft Light Pole Extension with 10 ft Arm - State Furnished	Each	2.0	\$ 499.20	
50	480V Highway Liminaire - State Furnished	Each	2.0	\$ 320.00	
51	240V Highway Liminaire - State Furnished	Each	2.0	\$ 320.00	
52	Pedestrian Pole - State Furnished	Each	4.0	\$ 224.00	
53	Pedestrian Pole Foundation	Each	4.0	\$ 1,792.00	
54	1 inch Dia. X 36 inch Anchor Bolt with Hardware	Each	4.0	\$ 172.80	
55	1.5 inch Dia. X 54 inch Anchor Bolt with Hardware	Each	5.0	\$ 198.40	
56	2 inch Diameter Arch Bolt with Hardware	Each	4.0	\$ 211.20	
57	LED Ball and Arrow Signal Module, State Furnished	Each	24.0	\$ 192.00	
58	LED Pedestrian Signal Module, State Furnished	Each	4.0	\$ 121.60	
59	Power Source, Pole Mount	Each	2.0	\$ 960.00	
60	Power Source, Underground Service Pedestal	Each	4.0	\$ 1,280.00	

Attachment-B Pricing
Installation, Relocation, and Repair of ATMS Devices
Summit County

	DESCRIPTION	unit	quantity	unit price	extended price
61	Size G Cabinet Pole Mount – State Furnished	Each	1.0	\$ 192.00	
62	Size 5 Cabinet – State Furnished	Each	2.0	\$ 288.00	
63	Size 5 Cabinet Foundation	Each	2.0	\$ 960.00	
64	Size 6 Cabinet - State Furnished	Each	2.0	\$ 448.00	
65	Size 6 Cabinet Foundation	Each	2.0	\$ 1,152.00	
66	Mast Arm Mounted Sign - State Furnished	Each	4.0	\$ 96.00	
67	IMSA 51-3, 1 wire, AWG 14 gage	Linear Ft.	500.0	\$ 2.43	
68	IMSA 51-7, 2 wires,AWG 14 gage	Linear Ft.	500.0	\$ 1.43	
69	IMSA 50-2, 2 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.66	
70	IMSA 20-1, 3 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.73	
71	IMSA 20-1, 4 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.77	
72	IMSA 20-1, 7 wire, AWG 14 gage	Linear Ft.	500.0	\$ 2.43	
73	RHHUSE-USE-RHW, 4 gage	Linear Ft.	500.0	\$ 2.18	
74	RHHUSE-USE-RHW, 6 gage	Linear Ft.	500.0	\$ 2.05	
75	RHHUSE-USE-RHW, 8 gage	Linear Ft.	500.0	\$ 1.92	
76	Belden RG-59	Linear Ft.	500.0	\$ 1.66	
77	Belden RG-8	Linear Ft.	500.0	\$ 2.43	
78	Belden 9913	Linear Ft.	500.0	\$ 2.18	
79	6 pair Belden AWG No. 19	Linear Ft.	500.0	\$ 2.88	
80	Times LMR 600	Linear Ft.	500.0	\$ 3.97	
81	Bare Copper Ground Wire, No. 6	Linear Ft.	500.0	\$ 1.22	
82	Electrical Work Bridges	Linear Ft.	500.0	\$ 15.36	
83	Ground Rods	Each	6.0	\$ 96.00	
84	Traffic Counting Loop Detector	Each	4.0	\$ 928.00	
85	Video Detection Assemblies - State Furnished	Each	1.0	\$ 640.00	
86	Video Detection Controller - State Furnished	Each	1.0	\$ 499.20	
87	Video Detection Cable Assembly - State Furnished	Each	1.0	\$ 288.00	
88	Camera mount, video Detection with 46 inch Tube State Furnished	Each	5.0	\$ 256.00	
89	Solar Power Battery Back Up – State Furnished	Each	4.0	\$ 377.60	
90	Wood Pole 35 ft – State Furnished	Each	6.0	\$ 256.00	
91	Flowable Fill	Cu yd	50.0	\$ 108.80	
92	Pothole Patching – Concrete	Sq ft	50.0	\$ 51.20	
93	Pothole Patching – Asphalt	Sq ft	50.0	\$ 6.40	
94	2 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$12.16	
95	2 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$13.06	
96	2 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$14.08	
97	2 inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$15.81	
98	2 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	100.0	\$28.80	
99	2 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	100.0	\$28.80	
100	3 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$12.99	
101	3 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$13.82	
102	3 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$14.85	
103	3 Inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$16.26	
104	3 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	100.0	\$29.44	
105	3 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	100.0	29.44	
106	Closed Circuit Television (CCTV) Assembly System –State Furnished	Each	5.0	\$576.00	
107	ATMS Cabinet, State Furnished	Each	5.0	\$960.00	
108	ATMS Cabinet Foundation	Each	5.0	\$960.00	
109	45 Ft Camera Pole	Each	5.0	\$1,920.00	
110	45 Ft Camera Pole Foundation	Each	5.0	\$4,096.00	
111	60 Ft Camera Pole	Each	1.0	\$2,304.00	
112	60 Ft Camera Pole Foundation	Each	1.0	\$4,480.00	
113	7 ft Chain Link Fence Type IV	Lineal Ft	40.0	\$24.19	
114	7 ft. Chain Link Fence, Type I with Barb Wire Arm	Lineal Ft	40.0	\$31.36	
115	Chain Link Brace Post	Each	8.0	\$90.88	
116	Chain Link Gate, H=6 ft X W=6 ft	Each	1.0	\$390.40	
117	RWIS-ESS - State Furnished	Each	5.0	\$3,289.60	
118	Weigh In Motion System - State Furnished	Each	1.0	\$2,688.00	

Attachment-B Pricing
Installation, Relocation, and Repair of ATMS Devices
Summit County

	DESCRIPTION	unit	quantity	unit price	extended price
119	Reconstruct Manhole	Each	1.0	\$1,088.00	
120	Type I-Polymer Concrete Junction Box	Each	10.0	\$755.20	
121	Type II-Polymer Concrete Junction Box	Each	10.0	\$896.00	
122	Type III-Polymer Concrete Junction Box	Each	5.0	\$1,235.20	
123	Type I-Polymer Concrete Junction Box Extension	Each	10.0	\$140.80	
124	Type II-Polymer Concrete Junction Box Extension	Each	10.0	\$352.00	
125	Type III-Polymer Concrete Junction Box Extension	Each	5.0	\$627.20	
126	Lighting Power Source Ground Mount	Each	10.0	\$1,235.20	
127	Lighting Power Source Pole Mount	Each	10.0	\$832.00	
128	5 Ton Crane with operator and laborer	Per Hour	100.0	\$345.00	
129	Bucket Truck having a 65 foot working height with operator	Per Hour	100.0	\$181.76	
130	Flat bed truck 1 ton with operator	Per Hour	100.0	\$98.56	
131	Backhoe Loader with transport and operator – Size CAT 240D or equivalent	Per Hour	100.0	\$147.20	
132	Auger Truck 36" diameter and 8 to 12 feet depth with operator	Per Hour	100.0	\$121.60	
133	Auger Truck 42" diameter and 11 to 32 feet depth with operator	Per Hour	100.0	\$189.44	
134	5 ton Dump Truck per hour with operator	Per Hour	100.0	\$108.80	

Attachment B -Pricing
Installation, Relocation, and Repair of the ATMS Devices
Salt Lake County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
1	Traffic Control for New Installation Beyond the Shoulder	Each	20.0	\$ 220.00	
2	Traffic Control for Work within the Shoulder	Each	20.0	\$ 220.00	
3	Traffic Control for Single Lane Closure	Each	10.0	\$ 250.00	
4	Traffic Control for Two Lane Closure	Each	10.0	\$ 275.00	
5	Traffic Control Maintainer	Hour	60.0	\$ 32.00	
6	Flagging (State Projects)	Hour	60.0	\$ 29.00	
7	Flagging (Federal Projects)	Hour	60.0	\$ 34.50	
8	Construction Sign	Sq ft/d	1000.0	\$ 0.13	
9	Plastic Barrels	Dev/d	200.0	\$ 0.80	
10	Barricades Type I	Dev/d	200.0	\$ 0.45	
11	Barricades Type II	Dev/d	200.0	\$ 0.48	
12	Barricades Type III	Dev/d	30.0	\$ 3.20	
13	Vertical Panel	Dev/d	40.0	\$ 0.48	
14	Check Dam	Lineal Ft	400.0	\$ 15.50	
15	Silt Fence Slop Barrier	Lineal Ft	400.0	\$ 2.50	
16	Slope Drain	Lineal Ft	400.0	\$ 27.00	
17	Drop-inlet Barrier	Lineal Ft	400.0	\$ 15.50	
18	Sediment Trap	Cu ft	50.0	\$ 2.40	
19	Temporary Berm	Lineal Ft	50.0	\$ 5.50	
20	Curb Inlet Barrier	Each	20.0	\$ 65.00	
21	Sand	Ton	4.0	\$ 17.75	
22	Free Draining Granular Backfill Borrow	Cu yd	10.0	\$ 46.00	
23	Geotextiles - Weed barrier	Sq yd	48.0	\$ 3.00	
24	Asphalt Fabric	Sq yd	40.0	\$ 1.10	
25	Remove Manhole	Each	2.0	\$ 700.00	
26	Remove Concrete Sidewalk	Sq yd	20.0	\$ 6.00	
27	Remove Concrete Driveway	Sq yd	100.0	\$ 7.40	
28	Remove Concrete Pavement	Sq yd	100.0	\$ 6.55	
29	Removal of Asphalt Pavement	Sq yd	100.0	\$ 6.00	
30	Site Clearing and Grubbing	Sq yd	200.0	\$ 1.00	
31	Landscape Grading	Sq yd	100.0	\$ 1.50	
32	Erosion Control Blanket	Sq yd	48.0	\$ 10.00	
33	Portland Cement Concrete Pavement 7 inch Thick	Sq ft	100.0	\$ 18.00	
34	Concrete Curb and gutter Type B1	Lineal Ft	50.0	\$ 9.00	
35	Pedestrian Access Ramp Type A	Sq Ft	8.0	\$ 4.00	
36	Concrete Sidewalk	Sq ft	120.0	\$ 6.00	
37	Concrete Flatwork 6 inch thick	Sq Yd	200.0	\$ 12.00	
38	Hot Mix Asphalt	Sq Yd	20.0	\$ 16.50	
39	Drill Seed	Acres	1.0	\$ 500.00	
40	Turf Seed	1000 sq ft	200.0	\$ 13.00	
41	Broadcast Seed	Acres	1.0	\$ 500.00	
42	Broadcast Seed	1000 sq ft	1000.0	\$ 15.00	
43	Broadcast Turf Seed	1000 sq ft	1000.0	\$ 19.00	
44	Turf Sod	Sq ft	40.0	\$ 2.00	
45	Tree Pruning	Each	4.0	\$ 350.00	
46	Mast Arm Signal Pole (50 ft to 65 ft) - State Furnished	Each	8.0	\$ 400.00	
47	Mast Arm Signal Pole (50 ft to 65 ft Foundation	Each	8.0	\$ 3,200.00	
48	65 ft Mast Arm - State Furnished	Each	8.0	\$ 550.00	
49	40 Ft Light Pole Extension with 10 ft Arm - State Furnished	Each	4.0	\$ 390.00	
50	480V Highway Liminaire - State Furnished	Each	4.0	\$ 250.00	
51	240V Highway Liminaire - State Furnished	Each	4.0	\$ 250.00	
52	Pedestrian Pole - State Furnished	Each	8.0	\$ 175.00	
53	Pedestrian Pole Foundation	Each	8.0	\$ 1,400.00	
54	1 inch Dia. X 36 inch Anchor Bolt with Hardware	Each	4.0	\$ 135.00	
55	1.5 inch Dia. X 54 inch Anchor Bolt with Hardware	Each	10.0	\$ 155.00	
56	2 inch Diameter Arch Bolt with Hardware	Each	8.0	\$ 165.00	
57	LED Ball and Arrow Signal Module, State Furnished	Each	48.0	\$ 150.00	
58	LED Pedestrian Signal Module, State Furnished	Each	8.0	\$ 95.00	

Attachment B -Pricing
Installation, Relocation, and Repair of the ATMS Devices
Salt Lake County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
59	Power Source, Pole Mount	Each	4.0	\$ 750.00	
60	Power Source, Underground Service Pedestal	Each	8.0	\$ 1,000.00	
61	Size G Cabinet Pole Mount – State Furnished	Each	2.0	\$ 150.00	
62	Size 5 Cabinet – State Furnished	Each	4.0	\$ 225.00	
63	Size 5 Cabinet Foundation	Each	4.0	\$ 750.00	
64	Size 6 Cabinet - State Furnished	Each	4.0	\$ 350.00	
65	Size 6 Cabinet Foundation	Each	4.0	\$ 900.00	
66	Mast Arm Mounted Sign - State Furnished	Each	8.0	\$ 75.00	
67	IMSA 51-3, 1 wire, AWG 14 gage	Linear Ft.	1000.0	\$ 1.90	
68	IMSA 51-7, 2 wires,AWG 14 gage	Linear Ft.	1000.0	\$ 1.12	
69	IMSA 50-2, 2 wire, AWG 14 gage	Linear Ft.	1000.0	\$ 1.30	
70	IMSA 20-1, 3 wire, AWG 14 gage	Linear Ft.	1000.0	\$ 1.35	
71	IMSA 20-1, 4 wire, AWG 14 gage	Linear Ft.	1000.0	\$ 1.38	
72	IMSA 20-1, 7 wire, AWG 14 gage	Linear Ft.	1000.0	\$ 1.90	
73	RHHUSE-USE-RHW, 4 gage	Linear Ft.	1000.0	\$ 1.70	
74	RHHUSE-USE-RHW, 6 gage	Linear Ft.	1000.0	\$ 1.60	
75	RHHUSE-USE-RHW, 8 gage	Linear Ft.	1000.0	\$ 1.50	
76	Belden RG-59	Linear Ft.	1000.0	\$ 1.30	
77	Belden RG-8	Linear Ft.	1000.0	\$ 1.90	
78	Belden 9913	Linear Ft.	1000.0	\$ 1.70	
79	6 pair Belden AWG No. 19	Linear Ft.	1000.0	\$ 2.25	
80	Times LMR 600	Linear Ft.	1000.0	\$ 3.10	
81	Bare Copper Ground Wire, No. 6	Linear Ft.	1000.0	\$ 0.95	
82	Electrical Work Bridges	Linear Ft.	1000.0	\$ 12.00	
83	Ground Rods	Each	12.0	\$ 75.00	
84	Traffic Counting Loop Detector	Each	8.0	\$ 725.00	
85	Video Detection Assemblies - State Furnished	Each	2.0	\$ 500.00	
86	Video Detection Controller - State Furnished	Each	2.0	\$ 390.00	
87	Video Detection Cable Assembly - State Furnished	Each	2.0	\$ 225.00	
88	Camera mount, video Detection with 46 inch Tube State Furnished	Each	10.0	\$ 200.00	
89	Solar Power Battery Back Up – State Furnished	Each	8.0	\$ 295.00	
90	Wood Pole 35 ft – State Furnished	Each	12.0	\$ 200.00	
91	Flowable Fill	Cu yd	100.0	\$ 85.00	
92	Pothole Patching – Concrete	Sq ft	100.0	\$ 40.00	
93	Pothole Patching – Asphalt	Sq ft	100.0	\$ 5.00	
94	2 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	800.0	\$9.50	
95	2 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$10.50	
96	2 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$11.00	
97	2 inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$12.35	
98	2 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	200.0	\$22.50	
99	2 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	200.0	\$22.50	
100	3 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	800.0	\$10.15	
101	3 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	800.0	\$10.80	
102	3 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$11.60	
103	3 Inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$12.70	
104	3 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	200.0	\$23.00	
105	3 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	200.0	\$23.00	
106	Closed Circuit Television (CCTV) Assembly System –State Furnished	Each	10.0	\$450.00	
107	ATMS Cabinet, State Furnished	Each	10.0	\$750.00	
108	ATMS Cabinet Foundation	Each	10.0	\$750.00	
109	45 Ft Camera Pole	Each	10.0	\$1,500.00	
110	45 Ft Camera Pole Foundation	Each	10.0	\$3,200.00	
111	60 Ft Camera Pole	Each	2.0	\$1,800.00	
112	60 Ft Camera Pole Foundation	Each	2.0	\$3,500.00	
113	7 ft Chain Link Fence Type IV	Lineal Ft	80.0	\$18.90	
114	7 ft. Chain Link Fence, Type I with Barb Wire Arm	Lineal Ft	80.0	\$24.50	

Attachment B -Pricing
Installation, Relocation, and Repair of the ATMS Devices
Salt Lake County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
115	Chain Link Brace Post	Each	16.0	\$71.00	
116	Chain Link Gate, H=6 ft X W=6 ft	Each	2.0	\$305.00	
117	RWIS-ESS - State Furnished	Each	5.0	\$2,570.00	
118	Weigh In Motion System - State Furnished	Each	1.0	\$2,100.00	
119	Reconstruct Manhole	Each	2.0	\$850.00	
120	Type I-Polymer Concrete Junction Box	Each	20.0	\$590.00	
121	Type II-Polymer Concrete Junction Box	Each	20.0	\$700.00	
122	Type III-Polymer Concrete Junction Box	Each	10.0	\$965.00	
123	Type I-Polymer Concrete Junction Box Extension	Each	20.0	\$110.00	
124	Type II-Polymer Concrete Junction Box Extension	Each	10.0	\$275.00	
125	Type III-Polymer Concrete Junction Box Extension	Each	10.0	\$490.00	
126	Lighting Power Source Ground Mount	Each	20.0	\$965.00	
127	Lighting Power Source Pole Mount	Each	20.0	\$650.00	
128	5 Ton Crane with operator and laborer	Per Hour	1000.0	\$270.00	
129	Bucket Truck having a 65 foot working height with operator	Per Hour	1000.0	\$142.00	
130	Flat bed truck 1 ton with operator	Per Hour	1000.0	\$77.00	
131	Backhoe Loader with transport and operator – Size CAT 240D or equivalent	Per Hour	1000.0	\$115.00	
132	Auger Truck 36" diameter and 8 to 12 feet depth with operator	Per Hour	1000.0	\$95.00	
133	Auger Truck 42" diameter and 11 to 32 feet depth with operator	Per Hour	1000.0	\$148.00	
134	5 ton Dump Truck per hour with operator	Per Hour	1000.0	\$85.00	

Attachment -B Pricing
Installation, Relocation, and
Repair of the ATMS Devices
Tooele County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
1	Traffic Control for New Installation Beyond the Shoulder	Each	10.0	\$ 253.00	
2	Traffic Control for Work within the Shoulder	Each	10.0	\$ 253.00	
3	Traffic Control for Single Lane Closure	Each	5.0	\$ 287.00	
4	Traffic Control for Two Lane Closure	Each	5.0	\$ 316.25	
5	Traffic Control Maintainer	Hour	30.0	\$ 36.80	
6	Flagging (State Projects)	Hour	30.0	\$ 33.35	
7	Flagging (Federal Projects)	Hour	30.0	\$ 39.68	
8	Construction Sign	Sq ft/d	500.0	\$ 0.15	
9	Plastic Barrels	Dev/d	100.0	\$ 0.92	
10	Barricades Type I	Dev/d	20.0	\$ 0.52	
11	Barricades Type II	Dev/d	20.0	\$ 0.55	
12	Barricades Type III	Dev/d	15.0	\$ 3.68	
13	Vertical Panel	Dev/d	20.0	\$ 0.55	
14	Check Dam	Lineal Ft	200.0	\$ 17.83	
15	Silt Fence Slop Barrier	Lineal Ft	200.0	\$ 2.88	
16	Slope Drain	Lineal Ft	200.0	\$ 31.05	
17	Drop-inlet Barrier	Lineal Ft	200.0	\$ 17.83	
18	Sediment Trap	Cu ft	25.0	\$ 2.76	
19	Temporary Berm	Lineal Ft	25.0	\$ 6.33	
20	Curb Inlet Barrier	Each	10.0	\$ 74.75	
21	Sand	Ton	2.0	\$ 20.41	
22	Free Draining Granular Backfill Borrow	Cu yd	5.0	\$ 52.90	
23	Geotextiles - Weed barrier	Sq yd	24.0	\$ 3.45	
24	Asphalt Fabric	Sq yd	20.0	\$ 1.27	
25	Remove Manhole	Each	1.0	\$ 805.00	
26	Remove Concrete Sidewalk	Sq yd	10.0	\$ 6.90	
27	Remove Concrete Driveway	Sq yd	50.0	\$ 8.51	
28	Remove Concrete Pavement	Sq yd	50.0	\$ 7.53	
29	Removal of Asphalt Pavement	Sq yd	50.0	\$ 6.90	
30	Site Clearing and Grubbing	Sq yd	100.0	\$ 1.15	
31	Landscape Grading	Sq yd	50.0	\$ 1.73	
32	Erosion Control Blanket	Sq yd	24.0	\$ 11.50	
33	Portland Cement Concrete Pavement 7 inch Thick	Sq ft	50.0	\$ 20.70	
34	Concrete Curb and gutter Type B1	Lineal Ft	25.0	\$ 10.35	
35	Pedestrian Access Ramp Type A	Sq Ft	4.0	\$ 4.60	
36	Concrete Sidewalk	Sq ft	60.0	\$ 6.90	
37	Concrete Flatwork 6 inch thick	Sq Yd	100.0	\$ 13.80	
38	Hot Mix Asphalt	Sq Yd	10.0	\$ 18.98	
39	Drill Seed	Acres	0.5	\$ 575.00	
40	Turf Seed	1000 sq ft	100.0	\$ 14.95	
41	Broadcast Seed	Acres	0.5	\$ 575.00	
42	Broadcast Seed	1000 sq ft	500.0	\$ 17.25	
43	Broadcast Turf Seed	1000 sq ft	500.0	\$ 21.85	
44	Turf Sod	Sq ft	20.0	\$ 2.30	
45	Tree Pruning	Each	2.0	\$ 402.50	
46	Mast Arm Signal Pole (50 ft to 65 ft) - State Furnished	Each	4.0	\$ 460.00	
47	Mast Arm Signal Pole (50 ft to 65 ft Foundation	Each	4.0	\$ 3,680.00	
48	65 ft Mast Arm - State Furnished	Each	4.0	\$ 632.50	
49	40 Ft Light Pole Extension with 10 ft Arm - State Furnished	Each	2.0	\$ 448.50	
50	480V Highway Liminaire - State Furnished	Each	2.0	\$ 287.50	
51	240V Highway Liminaire - State Furnished	Each	2.0	\$ 287.50	
52	Pedestrian Pole - State Furnished	Each	4.0	\$ 201.25	
53	Pedestrian Pole Foundation	Each	4.0	\$ 1,610.00	
54	1 inch Dia. X 36 inch Anchor Bolt with Hardware	Each	4.0	\$ 155.25	
55	1.5 inch Dia. X 54 inch Anchor Bolt with Hardware	Each	5.0	\$ 178.25	
56	2 inch Diameter Arch Bolt with Hardware	Each	4.0	\$ 189.75	
57	LED Ball and Arrow Signal Module, State Furnished	Each	24.0	\$ 172.50	
58	LED Pedestrian Signal Module, State Furnished	Each	4.0	\$ 109.25	
59	Power Source, Pole Mount	Each	2.0	\$ 862.50	
60	Power Source, Underground Service Pedestal	Each	4.0	\$ 1,150.00	

Attachment -B Pricing
Installation, Relocation, and
Repair of the ATMS Devices
Tooele County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
61	Size G Cabinet Pole Mount – State Furnished	Each	1.0	\$ 172.50	
62	Size 5 Cabinet – State Furnished	Each	2.0	\$ 258.75	
63	Size 5 Cabinet Foundation	Each	2.0	\$ 862.50	
64	Size 6 Cabinet - State Furnished	Each	2.0	\$ 402.50	
65	Size 6 Cabinet Foundation	Each	2.0	\$ 1,035.00	
66	Mast Arm Mounted Sign - State Furnished	Each	4.0	\$ 86.25	
67	IMSA 51-3, 1 wire, AWG 14 gage	Linear Ft.	500.0	\$ 2.19	
68	IMSA 51-7, 2 wires,AWG 14 gage	Linear Ft.	500.0	\$ 1.29	
69	IMSA 50-2, 2 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.50	
70	IMSA 20-1, 3 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.55	
71	IMSA 20-1, 4 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.59	
72	IMSA 20-1, 7 wire, AWG 14 gage	Linear Ft.	500.0	\$ 2.19	
73	RHHUSE-USE-RHW, 4 gage	Linear Ft.	500.0	\$ 1.96	
74	RHHUSE-USE-RHW, 6 gage	Linear Ft.	500.0	\$ 1.84	
75	RHHUSE-USE-RHW, 8 gage	Linear Ft.	500.0	\$ 1.73	
76	Belden RG-59	Linear Ft.	500.0	\$ 1.50	
77	Belden RG-8	Linear Ft.	500.0	\$ 2.19	
78	Belden 9913	Linear Ft.	500.0	\$ 1.96	
79	6 pair Belden AWG No. 19	Linear Ft.	500.0	\$ 2.59	
80	Times LMR 600	Linear Ft.	500.0	\$ 3.57	
81	Bare Copper Ground Wire, No. 6	Linear Ft.	500.0	\$ 1.09	
82	Electrical Work Bridges	Linear Ft.	500.0	\$ 13.80	
83	Ground Rods	Each	6.0	\$ 86.25	
84	Traffic Counting Loop Detector	Each	4.0	\$ 833.75	
85	Video Detection Assemblies - State Furnished	Each	1.0	\$ 575.00	
86	Video Detection Controller - State Furnished	Each	1.0	\$ 448.50	
87	Video Detection Cable Assembly - State Furnished	Each	1.0	\$ 258.75	
88	Camera mount, video Detection with 46 inch Tube State Furnished	Each	5.0	\$ 230.00	
89	Solar Power Battery Back Up – State Furnished	Each	4.0	\$ 339.25	
90	Wood Pole 35 ft – State Furnished	Each	6.0	\$ 230.00	
91	Flowable Fill	Cu yd	50.0	\$ 97.75	
92	Pothole Patching – Concrete	Sq ft	50.0	\$ 46.00	
93	Pothole Patching – Asphalt	Sq ft	50.0	\$ 5.75	
94	2 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$10.93	
95	2 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$11.73	
96	2 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$12.65	
97	2 inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$14.20	
98	2 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	100.0	\$25.88	
99	2 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	100.0	\$25.88	
100	3 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$11.67	
101	3 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$12.42	
102	3 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$13.34	
103	3 Inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$14.61	
104	3 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	100.0	\$26.45	
105	3 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	100.0	\$26.45	
106	Closed Circuit Television (CCTV) Assembly System –State Furnished	Each	5.0	\$517.50	
107	ATMS Cabinet, State Furnished	Each	5.0	\$862.50	
108	ATMS Cabinet Foundation	Each	5.0	\$862.50	
109	45 Ft Camera Pole	Each	5.0	\$1,725.00	
110	45 Ft Camera Pole Foundation	Each	5.0	\$3,680.00	
111	60 Ft Camera Pole	Each	1.0	\$2,070.00	
112	60 Ft Camera Pole Foundation	Each	1.0	\$4,025.00	
113	7 ft Chain Link Fence Type IV	Lineal Ft	40.0	\$21.74	
114	7 ft. Chain Link Fence, Type I with Barb Wire Arm	Lineal Ft	40.0	\$28.18	
115	Chain Link Brace Post	Each	8.0	\$81.65	
116	Chain Link Gate, H=6 ft X W=6 ft	Each	1.0	\$350.75	
117	RWIS-ESS - State Furnished	Each	5.0	\$2,955.50	
118	Weigh In Motion System - State Furnished	Each	1.0	\$2,415.00	

Attachment -B Pricing
Installation, Relocation, and
Repair of the ATMS Devices
Tooele County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
119	Reconstruct Manhole	Each	1.0	\$977.50	
120	Type I-Polymer Concrete Junction Box	Each	10.0	\$678.50	
121	Type II-Polymer Concrete Junction Box	Each	10.0	\$805.00	
122	Type III-Polymer Concrete Junction Box	Each	5.0	\$1,109.75	
123	Type I-Polymer Concrete Junction Box Extension	Each	10.0	\$126.50	
124	Type II-Polymer Concrete Junction Box Extension	Each	10.0	\$316.25	
125	Type III-Polymer Concrete Junction Box Extension	Each	5.0	\$563.50	
126	Lighting Power Source Ground Mount	Each	10.0	\$1,109.75	
127	Lighting Power Source Pole Mount	Each	10.0	\$747.50	
128	5 Ton Crane with operator and laborer	Per Hour	100.0	\$310.50	
129	Bucket Truck having a 65 foot working height with operator	Per Hour	100.0	\$163.30	
130	Flat bed truck 1 ton with operator	Per Hour	100.0	\$88.55	
131	Backhoe Loader with transport and operator – Size CAT 240D or equivalent	Per Hour	100.0	\$132.25	
132	Auger Truck 36" diameter and 8 to 12 feet depth with operator	Per Hour	100.0	\$109.25	
133	Auger Truck 42" diameter and 11to 32 feet depth with operator	Per Hour	100.0	\$170.20	
134	5 ton Dump Truck per hour with operator	Per Hour	100.0	\$97.75	

Attachment-B Pricing
Installation, Relocation, and Repair of the ATMS Devices
Utah County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
1	Traffic Control for New Installation Beyond the Shoulder	Each	10.0	\$ 237.60	
2	Traffic Control for Work within the Shoulder	Each	10.0	\$ 237.60	
3	Traffic Control for Single Lane Closure	Each	5.0	\$ 270.00	
4	Traffic Control for Two Lane Closure	Each	5.0	\$ 297.00	
5	Traffic Control Maintainer	Hour	30.0	\$ 34.56	
6	Flagging (State Projects)	Hour	30.0	\$ 31.32	
7	Flagging (Federal Projects)	Hour	30.0	\$ 37.26	
8	Construction Sign	Sq ft/d	500.0	\$ 0.14	
9	Plastic Barrels	Dev/d	100.0	\$ 0.86	
10	Barricades Type I	Dev/d	20.0	\$ 0.49	
11	Barricades Type II	Dev/d	20.0	\$ 0.52	
12	Barricades Type III	Dev/d	15.0	\$ 3.46	
13	Vertical Panel	Dev/d	20.0	\$ 0.52	
14	Check Dam	Lineal Ft	200.0	\$ 16.74	
15	Silt Fence Slop Barrier	Lineal Ft	200.0	\$ 2.70	
16	Slope Drain	Lineal Ft	200.0	\$ 29.16	
17	Drop-inlet Barrier	Lineal Ft	200.0	\$ 16.74	
18	Sediment Trap	Cu ft	25.0	\$ 2.59	
19	Temporary Berm	Lineal Ft	25.0	\$ 5.94	
20	Curb Inlet Barrier	Each	10.0	\$ 70.20	
21	Sand	Ton	2.0	\$ 19.17	
22	Free Draining Granular Backfill Borrow	Cu yd	5.0	\$ 49.68	
23	Geotextiles - Weed barrier	Sq yd	24.0	\$ 3.24	
24	Asphalt Fabric	Sq yd	20.0	\$ 1.19	
25	Remove Manhole	Each	1.0	\$ 756.00	
26	Remove Concrete Sidewalk	Sq yd	10.0	\$ 6.48	
27	Remove Concrete Driveway	Sq yd	50.0	\$ 7.99	
28	Remove Concrete Pavement	Sq yd	50.0	\$ 7.07	
29	Removal of Asphalt Pavement	Sq yd	50.0	\$ 64.80	
30	Site Clearing and Grubbing	Sq yd	100.0	\$ 1.08	
31	Landscape Grading	Sq yd	50.0	\$ 1.62	
32	Erosion Control Blanket	Sq yd	24.0	\$ 10.80	
33	Portland Cement Concrete Pavement 7 inch Thick	Sq ft	50.0	\$ 19.44	
34	Concrete Curb and gutter Type B1	Lineal Ft	25.0	\$ 9.72	
35	Pedestrian Access Ramp Type A	Sq Ft	4.0	\$ 4.32	
36	Concrete Sidewalk	Sq ft	60.0	\$ 6.48	
37	Concrete Flatwork 6 inch thick	Sq Yd	100.0	\$ 12.96	
38	Hot Mix Asphalt	Sq Yd	10.0	\$ 17.82	
39	Drill Seed	Acres	0.5	\$ 540.00	
40	Turf Seed	1000 sq ft	100.0	\$ 14.04	
41	Broadcast Seed	Acres	0.5	\$ 540.00	
42	Broadcast Seed	1000 sq ft	500.0	\$ 16.20	
43	Broadcast Turf Seed	1000 sq ft	500.0	\$ 20.25	
44	Turf Sod	Sq ft	20.0	\$ 2.16	
45	Tree Pruning	Each	2.0	\$ 378.00	
46	Mast Arm Signal Pole (50 ft to 65 ft) - State Furnished	Each	4.0	\$ 432.00	
47	Mast Arm Signal Pole (50 ft to 65 ft Foundation	Each	4.0	\$ 3,456.00	
48	65 ft Mast Arm - State Furnished	Each	4.0	\$ 594.00	
49	40 Ft Light Pole Extension with 10 ft Arm - State Furnished	Each	2.0	\$ 421.20	
50	480V Highway Liminaire - State Furnished	Each	2.0	\$ 270.00	
51	240V Highway Liminaire - State Furnished	Each	2.0	\$ 270.00	
52	Pedestrian Pole - State Furnished	Each	4.0	\$ 189.00	
53	Pedestrian Pole Foundation	Each	4.0	\$ 1,512.00	
54	1 inch Dia. X 36 inch Anchor Bolt with Hardware	Each	4.0	\$ 145.80	
55	1.5 inch Dia. X 54 inch Anchor Bolt with Hardware	Each	5.0	\$ 167.40	
56	2 inch Diameter Arch Bolt with Hardware	Each	4.0	\$ 178.20	
57	LED Ball and Arrow Signal Module, State Furnished	Each	24.0	\$ 162.00	
58	LED Pedestrian Signal Module, State Furnished	Each	4.0	\$ 102.60	

Attachment-B Pricing
Installation, Relocation, and Repair of the ATMS Devices
Utah County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
59	Power Source, Pole Mount	Each	2.0	\$ 810.00	
60	Power Source, Underground Service Pedestal	Each	4.0	\$ 1,080.00	
61	Size G Cabinet Pole Mount – State Furnished	Each	1.0	\$ 162.00	
62	Size 5 Cabinet – State Furnished	Each	2.0	\$ 243.00	
63	Size 5 Cabinet Foundation	Each	2.0	\$ 810.00	
64	Size 6 Cabinet - State Furnished	Each	2.0	\$ 378.00	
65	Size 6 Cabinet Foundation	Each	2.0	\$ 972.00	
66	Mast Arm Mounted Sign - State Furnished	Each	4.0	\$ 81.00	
67	IMSA 51-3, 1 wire, AWG 14 gage	Linear Ft.	500.0	\$ 2.05	
68	IMSA 51-7, 2 wires,AWG 14 gage	Linear Ft.	500.0	\$ 1.21	
69	IMSA 50-2, 2 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.40	
70	IMSA 20-1, 3 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.46	
71	IMSA 20-1, 4 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.49	
72	IMSA 20-1, 7 wire, AWG 14 gage	Linear Ft.	500.0	\$ 2.05	
73	RHHUSE-USE-RHW, 4 gage	Linear Ft.	500.0	\$ 1.84	
74	RHHUSE-USE-RHW, 6 gage	Linear Ft.	500.0	\$ 1.73	
75	RHHUSE-USE-RHW, 8 gage	Linear Ft.	500.0	\$ 1.62	
76	Belden RG-59	Linear Ft.	500.0	\$ 1.40	
77	Belden RG-8	Linear Ft.	500.0	\$ 2.05	
78	Belden 9913	Linear Ft.	500.0	\$ 1.84	
79	6 pair Belden AWG No. 19	Linear Ft.	500.0	\$ 2.43	
80	Times LMR 600	Linear Ft.	500.0	\$ 3.35	
81	Bare Copper Ground Wire, No. 6	Linear Ft.	500.0	\$ 1.03	
82	Electrical Work Bridges	Linear Ft.	500.0	\$ 12.96	
83	Ground Rods	Each	6.0	\$ 81.00	
84	Traffic Counting Loop Detector	Each	4.0	\$ 783.00	
85	Video Detection Assemblies - State Furnished	Each	1.0	\$ 540.00	
86	Video Detection Controller - State Furnished	Each	1.0	\$ 421.20	
87	Video Detection Cable Assembly - State Furnished	Each	1.0	\$ 243.00	
88	Camera mount, video Detection with 46 inch Tube State Furnished	Each	5.0	\$ 216.00	
89	Solar Power Battery Back Up – State Furnished	Each	4.0	\$ 38.60	
90	Wood Pole 35 ft – State Furnished	Each	6.0	\$ 216.00	
91	Flowable Fill	Cu yd	50.0	\$ 91.80	
92	Pothole Patching – Concrete	Sq ft	50.0	\$ 43.20	
93	Pothole Patching – Asphalt	Sq ft	50.0	\$ 5.40	
94	2 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$ 10.26	
95	2 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 11.02	
96	2 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 11.88	
97	2 inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 13.34	
98	2 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	100.0	\$ 24.30	
99	2 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	100.0	\$ 24.30	
100	3 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$ 10.96	
101	3 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 11.66	
102	3 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 12.53	
103	3 Inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 13.72	
104	3 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	100.0	\$ 24.84	
105	3 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	100.0	\$ 24.84	
106	Closed Circuit Television (CCTV) Assembly System –State Furnished	Each	5.0	\$ 486.00	
107	ATMS Cabinet, State Furnished	Each	5.0	\$ 810.00	
108	ATMS Cabinet Foundation	Each	5.0	\$ 810.00	
109	45 Ft Camera Pole	Each	5.0	\$ 1,620.00	
110	45 Ft Camera Pole Foundation	Each	5.0	\$ 3,456.00	
111	60 Ft Camera Pole	Each	1.0	\$ 1,944.00	
112	60 Ft Camera Pole Foundation	Each	1.0	\$ 3,780.00	
113	7 ft Chain Link Fence Type IV	Lineal Ft	40.0	\$ 20.41	
114	7 ft. Chain Link Fence, Type I with Barb Wire Arm	Lineal Ft	40.0	\$ 26.46	

Attachment-B Pricing
Installation, Relocation, and Repair of the ATMS Devices
Utah County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
115	Chain Link Brace Post	Each	8.0	\$ 76.68	
116	Chain Link Gate, H=6 ft X W=6 ft	Each	1.0	\$ 329.40	
117	RWIS-ESS - State Furnished	Each	5.0	\$ 2,775.60	
118	Weigh In Motion System - State Furnished	Each	1.0	\$ 2,268.00	
119	Reconstruct Manhole	Each	1.0	\$ 918.00	
120	Type I-Polymer Concrete Junction Box	Each	10.0	\$ 637.20	
121	Type II-Polymer Concrete Junction Box	Each	10.0	\$756.00	
122	Type III-Polymer Concrete Junction Box	Each	5.0	\$1,042.00	
123	Type I-Polymer Concrete Junction Box Extension	Each	10.0	\$118.80	
124	Type II-Polymer Concrete Junction Box Extension	Each	10.0	\$297.00	
125	Type III-Polymer Concrete Junction Box Extension	Each	5.0	\$529.20	
126	Lighting Power Source Ground Mount	Each	10.0	1042	
127	Lighting Power Source Pole Mount	Each	10.0	\$702.00	
128	5 Ton Crane with operator and laborer	Per Hour	100.0	\$291.00	
129	Bucket Truck having a 65 foot working height with operator	Per Hour	100.0	\$153.36	
130	Flat bed truck 1 ton with operator	Per Hour	100.0	\$83.16	
131	Backhoe Loader with transport and operator – Size CAT 240D or equivalent	Per Hour	100.0	\$124.20	
132	Auger Truck 36" diameter and 8 to 12 feet depth with operator	Per Hour	100.0	\$102.60	
133	Auger Truck 42" diameter and 11to 32 feet depth with operator	Per Hour	100.0	\$159.84	
134	5 ton Dump Truck per hour with operator	Per Hour	100.0	\$91.80	

Attachment B- Pricing
Installation, Relocation, and Repair of the ATMS Devices
Cedar City-Iron County, and St. George - Washington County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
1	Traffic Control for New Installation Beyond the Shoulder	Each	10.0	\$ 312.40	
2	Traffic Control for Work within the Shoulder	Each	10.0	\$ 312.40	
3	Traffic Control for Single Lane Closure	Each	5.0	\$ 355.00	
4	Traffic Control for Two Lane Closure	Each	5.0	\$ 390.50	
5	Traffic Control Maintainer	Hour	30.0	\$ 45.44	
6	Flagging (State Projects)	Hour	30.0	\$ 41.18	
7	Flagging (Federal Projects)	Hour	30.0	\$ 48.99	
8	Construction Sign	Sq ft/d	500.0	\$ 0.18	
9	Plastic Barrels	Dev/d	100.0	\$ 1.14	
10	Barricades Type I	Dev/d	20.0	\$ 0.64	
11	Barricades Type II	Dev/d	20.0	\$ 0.68	
12	Barricades Type III	Dev/d	15.0	\$ 4.54	
13	Vertical Panel	Dev/d	20.0	\$ 0.68	
14	Check Dam	Lineal Ft	200.0	\$ 22.01	
15	Silt Fence Slop Barrier	Lineal Ft	200.0	\$ 3.55	
16	Slope Drain	Lineal Ft	200.0	\$ 38.34	
17	Drop-inlet Barrier	Lineal Ft	200.0	\$ 22.01	
18	Sediment Trap	Cu ft	25.0	\$ 3.41	
19	Temporary Berm	Lineal Ft	25.0	\$ 7.81	
20	Curb Inlet Barrier	Each	10.0	\$ 92.30	
21	Sand	Ton	2.0	\$ 25.21	
22	Free Draining Granular Backfill Borrow	Cu yd	5.0	\$ 65.32	
23	Geotextiles - Weed barrier	Sq yd	24.0	\$ 4.26	
24	Asphalt Fabric	Sq yd	20.0	\$ 1.56	
25	Remove Manhole	Each	1.0	\$ 994.00	
26	Remove Concrete Sidewalk	Sq yd	10.0	\$ 8.52	
27	Remove Concrete Driveway	Sq yd	50.0	\$ 10.51	
28	Remove Concrete Pavement	Sq yd	50.0	\$ 9.30	
29	Removal of Asphalt Pavement	Sq yd	50.0	\$ 8.52	
30	Site Clearing and Grubbing	Sq yd	100.0	\$ 1.42	
31	Landscape Grading	Sq yd	50.0	\$ 2.13	
32	Erosion Control Blanket	Sq yd	24.0	\$ 14.20	
33	Portland Cement Concrete Pavement 7 inch Thick	Sq ft	50.0	\$ 25.26	
34	Concrete Curb and gutter Type B1	Lineal Ft	25.0	\$ 12.78	
35	Pedestrian Access Ramp Type A	Sq Ft	4.0	\$ 5.68	
36	Concrete Sidewalk	Sq ft	60.0	\$ 8.52	
37	Concrete Flatwork 6 inch thick	Sq Yd	100.0	\$ 17.04	
38	Hot Mix Asphalt	Sq Yd	10.0	\$ 23.43	
39	Drill Seed	Acres	0.5	\$ 710.00	
40	Turf Seed	1000 sq ft	100.0	\$ 18.46	
41	Broadcast Seed	Acres	0.5	\$ 710.00	
42	Broadcast Seed	1000 sq ft	500.0	\$ 21.30	
43	Broadcast Turf Seed	1000 sq ft	500.0	\$ 26.98	
44	Turf Sod	Sq ft	20.0	\$ 2.84	
45	Tree Pruning	Each	2.0	\$ 497.00	
46	Mast Arm Signal Pole (50 ft to 65 ft) - State Furnished	Each	4.0	\$ 568.00	
47	Mast Arm Signal Pole (50 ft to 65 ft Foundation	Each	4.0	\$ 4,544.00	
48	65 ft Mast Arm - State Furnished	Each	4.0	\$ 781.00	
49	40 Ft Light Pole Extension with 10 ft Arm - State Furnished	Each	2.0	\$ 553.00	
50	480V Highway Liminaire - State Furnished	Each	2.0	\$ 355.00	
51	240V Highway Liminaire - State Furnished	Each	2.0	\$ 355.00	
52	Pedestrian Pole - State Furnished	Each	4.0	\$ 248.50	
53	Pedestrian Pole Foundation	Each	4.0	\$ 1,988.00	
54	1 inch Dia. X 36 inch Anchor Bolt with Hardware	Each	4.0	\$ 191.70	
55	1.5 inch Dia. X 54 inch Anchor Bolt with Hardware	Each	5.0	\$ 220.10	
56	2 inch Diameter Arch Bolt with Hardware	Each	4.0	\$ 234.30	
57	LED Ball and Arrow Signal Module, State Furnished	Each	24.0	\$ 213.00	
58	LED Pedestrian Signal Module, State Furnished	Each	4.0	\$ 134.90	
59	Power Source, Pole Mount	Each	2.0	\$ 1,065.00	
60	Power Source, Underground Service Pedestal	Each	4.0	\$ 1,420.00	

Attachment B- Pricing
Installation, Relocation, and Repair of the ATMS Devices
Cedar City-Iron County, and St. George - Washington County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
61	Size G Cabinet Pole Mount – State Furnished	Each	1.0	\$ 213.00	
62	Size 5 Cabinet – State Furnished	Each	2.0	\$ 319.50	
63	Size 5 Cabinet Foundation	Each	2.0	\$ 1,065.00	
64	Size 6 Cabinet - State Furnished	Each	2.0	\$ 497.00	
65	Size 6 Cabinet Foundation	Each	2.0	\$ 1,278.00	
66	Mast Arm Mounted Sign - State Furnished	Each	4.0	\$ 106.50	
67	IMSA 51-3, 1 wire, AWG 14 gage	Linear Ft.	500.0	\$ 2.70	
68	IMSA 51-7, 2 wires,AWG 14 gage	Linear Ft.	500.0	\$ 1.59	
69	IMSA 50-2, 2 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.85	
70	IMSA 20-1, 3 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.92	
71	IMSA 20-1, 4 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.96	
72	IMSA 20-1, 7 wire, AWG 14 gage	Linear Ft.	500.0	\$ 2.70	
73	RHHUSE-USE-RHW, 4 gage	Linear Ft.	500.0	\$ 2.41	
74	RHHUSE-USE-RHW, 6 gage	Linear Ft.	500.0	\$ 2.27	
75	RHHUSE-USE-RHW, 8 gage	Linear Ft.	500.0	\$ 2.13	
76	Belden RG-59	Linear Ft.	500.0	\$ 1.85	
77	Belden RG-8	Linear Ft.	500.0	\$ 2.70	
78	Belden 9913	Linear Ft.	500.0	\$ 2.41	
79	6 pair Belden AWG No. 19	Linear Ft.	500.0	\$ 3.20	
80	Times LMR 600	Linear Ft.	500.0	\$ 4.40	
81	Bare Copper Ground Wire, No. 6	Linear Ft.	500.0	\$ 1.35	
82	Electrical Work Bridges	Linear Ft.	500.0	\$ 17.04	
83	Ground Rods	Each	6.0	\$ 106.50	
84	Traffic Counting Loop Detector	Each	4.0	\$ 1,029.50	
85	Video Detection Assemblies - State Furnished	Each	1.0	\$ 710.00	
86	Video Detection Controller - State Furnished	Each	1.0	\$ 553.80	
87	Video Detection Cable Assembly - State Furnished	Each	1.0	\$ 319.50	
88	Camera mount, video Detection with 46 inch Tube State Furnished	Each	5.0	\$ 284.00	
89	Solar Power Battery Back Up – State Furnished	Each	4.0	\$ 418.00	
90	Wood Pole 35 ft – State Furnished	Each	6.0	\$ 284.00	
91	Flowable Fill	Cu yd	50.0	\$ 120.70	
92	Pothole Patching – Concrete	Sq ft	50.0	\$ 56.80	
93	Pothole Patching – Asphalt	Sq ft	50.0	\$ 7.10	
94	2 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$ 13.49	
95	2 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 14.48	
96	2 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 15.62	
97	2 inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 17.54	
98	2 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	100.0	\$ 31.95	
99	2 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	100.0	\$ 31.95	
100	3 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$ 14.41	
101	3 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 15.34	
102	3 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 16.47	
103	3 Inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 18.03	
104	3 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	100.0	\$ 32.66	
105	3 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	100.0	\$ 32.66	
106	Closed Circuit Television (CCTV) Assembly System –State Furnished	Each	5.0	\$ 639.00	
107	ATMS Cabinet, State Furnished	Each	5.0	\$ 1,065.00	
108	ATMS Cabinet Foundation	Each	5.0	\$ 1,065.00	
109	45 Ft Camera Pole	Each	5.0	\$ 2,130.00	
110	45 Ft Camera Pole Foundation	Each	5.0	\$ 4,544.00	
111	60 Ft Camera Pole	Each	1.0	\$ 2,556.00	
112	60 Ft Camera Pole Foundation	Each	1.0	\$ 4,970.00	
113	7 ft Chain Link Fence Type IV	Lineal Ft	40.0	\$ 26.84	
114	7 ft. Chain Link Fence, Type I with Barb Wire Arm	Lineal Ft	40.0	\$ 34.79	
115	Chain Link Brace Post	Each	8.0	\$ 100.82	
116	Chain Link Gate, H=6 ft X W=6 ft	Each	1.0	\$ 433.10	
117	RWIS-ESS - State Furnished	Each	5.0	\$ 3,649.40	
118	Weigh In Motion System - State Furnished	Each	1.0	\$ 2,982.00	

Attachment B- Pricing
Installation, Relocation, and Repair of the ATMS Devices
Cedar City-Iron County, and St. George - Washington County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
119	Reconstruct Manhole	Each	1.0	\$ 1,207.00	
120	Type I-Polymer Concrete Junction Box	Each	10.0	\$ 837.80	
121	Type II-Polymer Concrete Junction Box	Each	10.0	\$994.00	
122	Type III-Polymer Concrete Junction Box	Each	5.0	\$1,370.30	
123	Type I-Polymer Concrete Junction Box Extension	Each	10.0	\$156.20	
124	Type II-Polymer Concrete Junction Box Extension	Each	10.0	\$390.50	
125	Type III-Polymer Concrete Junction Box Extension	Each	5.0	\$695.80	
126	Lighting Power Source Ground Mount	Each	10.0	\$1,370.30	
127	Lighting Power Source Pole Mount	Each	10.0	\$923.00	
128	5 Ton Crane with operator and laborer	Per Hour	100.0	\$383.40	
129	Bucket Truck having a 65 foot working height with operator	Per Hour	100.0	\$201.64	
130	Flat bed truck 1 ton with operator	Per Hour	100.0	\$109.34	
131	Backhoe Loader with transport and operator – Size CAT 240D or equivalent	Per Hour	100.0	\$163.30	
132	Auger Truck 36" diameter and 8 to 12 feet depth with operator	Per Hour	100.0	\$134.90	
133	Auger Truck 42" diameter and 11to 32 feet depth with operator	Per Hour	100.0	\$210.16	
134	5 ton Dump Truck per hour with operator	Per Hour	100.0	\$120.70	

Attachment B - Pricing
Installation, Relocation, and Repair of the ATMS Devices
Moab, Grand County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
1	Traffic Control for New Installation Beyond the Shoulder	Each	10.0	\$ 312.40	
2	Traffic Control for Work within the Shoulder	Each	10.0	\$ 312.40	
3	Traffic Control for Single Lane Closure	Each	5.0	\$ 355.00	
4	Traffic Control for Two Lane Closure	Each	5.0	\$ 390.50	
5	Traffic Control Maintainer	Hour	30.0	\$ 45.44	
6	Flagging (State Projects)	Hour	30.0	\$ 41.18	
7	Flagging (Federal Projects)	Hour	30.0	\$ 48.99	
8	Construction Sign	Sq ft/d	500.0	\$ 0.18	
9	Plastic Barrels	Dev/d	100.0	\$ 1.14	
10	Barricades Type I	Dev/d	20.0	\$ 0.64	
11	Barricades Type II	Dev/d	20.0	\$ 0.68	
12	Barricades Type III	Dev/d	15.0	\$ 4.54	
13	Vertical Panel	Dev/d	20.0	\$ 0.68	
14	Check Dam	Lineal Ft	200.0	\$ 22.01	
15	Silt Fence Slop Barrier	Lineal Ft	200.0	\$ 3.55	
16	Slope Drain	Lineal Ft	200.0	\$ 38.34	
17	Drop-inlet Barrier	Lineal Ft	200.0	\$ 22.01	
18	Sediment Trap	Cu ft	25.0	\$ 3.41	
19	Temporary Berm	Lineal Ft	25.0	\$ 7.81	
20	Curb Inlet Barrier	Each	10.0	\$ 92.30	
21	Sand	Ton	2.0	\$ 25.21	
22	Free Draining Granular Backfill Borrow	Cu yd	5.0	\$ 65.32	
23	Geotextiles - Weed barrier	Sq yd	24.0	\$ 4.26	
24	Asphalt Fabric	Sq yd	20.0	\$ 1.56	
25	Remove Manhole	Each	1.0	\$ 994.00	
26	Remove Concrete Sidewalk	Sq yd	10.0	\$ 8.52	
27	Remove Concrete Driveway	Sq yd	50.0	\$ 10.51	
28	Remove Concrete Pavement	Sq yd	50.0	\$ 9.30	
29	Removal of Asphalt Pavement	Sq yd	50.0	\$ 8.52	
30	Site Clearing and Grubbing	Sq yd	100.0	\$ 1.42	
31	Landscape Grading	Sq yd	50.0	\$ 2.13	
32	Erosion Control Blanket	Sq yd	24.0	\$ 14.20	
33	Portland Cement Concrete Pavement 7 inch Thick	Sq ft	50.0	\$ 25.26	
34	Concrete Curb and gutter Type B1	Lineal Ft	25.0	\$ 12.78	
35	Pedestrian Access Ramp Type A	Sq Ft	4.0	\$ 5.68	
36	Concrete Sidewalk	Sq ft	60.0	\$ 8.52	
37	Concrete Flatwork 6 inch thick	Sq Yd	100.0	\$ 17.04	
38	Hot Mix Asphalt	Sq Yd	10.0	\$ 23.43	
39	Drill Seed	Acres	0.5	\$ 710.00	
40	Turf Seed	1000 sq ft	100.0	\$ 18.46	
41	Broadcast Seed	Acres	0.5	\$ 710.00	
42	Broadcast Seed	1000 sq ft	500.0	\$ 21.30	
43	Broadcast Turf Seed	1000 sq ft	500.0	\$ 26.98	
44	Turf Sod	Sq ft	20.0	\$ 2.84	
45	Tree Pruning	Each	2.0	\$ 497.00	
46	Mast Arm Signal Pole (50 ft to 65 ft) - State Furnished	Each	4.0	\$ 568.00	
47	Mast Arm Signal Pole (50 ft to 65 ft Foundation	Each	4.0	\$4,544.00	
48	65 ft Mast Arm - State Furnished	Each	4.0	\$ 781.00	
49	40 Ft Light Pole Extension with 10 ft Arm - State Furnished	Each	2.0	\$ 553.80	
50	480V Highway Liminaire - State Furnished	Each	2.0	\$ 355.00	
51	240V Highway Liminaire - State Furnished	Each	2.0	\$ 355.00	
52	Pedestrian Pole - State Furnished	Each	4.0	\$ 348.50	
53	Pedestrian Pole Foundation	Each	4.0	\$ 1,988.00	
54	1 inch Dia. X 36 inch Anchor Bolt with Hardware	Each	4.0	\$ 191.70	
55	1.5 inch Dia. X 54 inch Anchor Bolt with Hardware	Each	5.0	\$ 220.10	
56	2 inch Diameter Arch Bolt with Hardware	Each	4.0	\$ 234.30	

Attachment B - Pricing
Installation, Relocation, and Repair of the ATMS Devices
Moab, Grand County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
57	LED Ball and Arrow Signal Module, State Furnished	Each	24.0	\$ 213.00	
58	LED Pedestrian Signal Module, State Furnished	Each	4.0	\$ 134.90	
59	Power Source, Pole Mount	Each	2.0	\$ 1,065.00	
60	Power Source, Underground Service Pedestal	Each	4.0	\$ 1,420.00	
61	Size G Cabinet Pole Mount – State Furnished	Each	1.0	\$ 213.00	
62	Size 5 Cabinet – State Furnished	Each	2.0	\$ 319.50	
63	Size 5 Cabinet Foundation	Each	2.0	\$ 1,065.00	
64	Size 6 Cabinet - State Furnished	Each	2.0	\$ 497.00	
65	Size 6 Cabinet Foundation	Each	2.0	\$ 1,278.00	
66	Mast Arm Mounted Sign - State Furnished	Each	4.0	\$ 106.50	
67	IMSA 51-3, 1 wire, AWG 14 gage	Linear Ft.	500.0	\$ 2.70	
68	IMSA 51-7, 2 wires,AWG 14 gage	Linear Ft.	500.0	\$ 1.59	
69	IMSA 50-2, 2 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.85	
70	IMSA 20-1, 3 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.92	
71	IMSA 20-1, 4 wire, AWG 14 gage	Linear Ft.	500.0	\$ 1.96	
72	IMSA 20-1, 7 wire, AWG 14 gage	Linear Ft.	500.0	\$ 2.70	
73	RHHUSE-USE-RHW, 4 gage	Linear Ft.	500.0	\$ 2.41	
74	RHHUSE-USE-RHW, 6 gage	Linear Ft.	500.0	\$ 2.27	
75	RHHUSE-USE-RHW, 8 gage	Linear Ft.	500.0	\$ 2.13	
76	Belden RG-59	Linear Ft.	500.0	\$ 1.85	
77	Belden RG-8	Linear Ft.	500.0	\$ 2.70	
78	Belden 9913	Linear Ft.	500.0	\$ 2.41	
79	6 pair Belden AWG No. 19	Linear Ft.	500.0	\$ 3.20	
80	Times LMR 600	Linear Ft.	500.0	\$ 4.40	
81	Bare Copper Ground Wire, No. 6	Linear Ft.	500.0	\$ 1.35	
82	Electrical Work Bridges	Linear Ft.	500.0	\$ 17.04	
83	Ground Rods	Each	6.0	\$ 106.50	
84	Traffic Counting Loop Detector	Each	4.0	\$ 1,029.50	
85	Video Detection Assemblies - State Furnished	Each	1.0	\$ 710.00	
86	Video Detection Controller - State Furnished	Each	1.0	\$ 553.80	
87	Video Detection Cable Assembly - State Furnished	Each	1.0	\$ 319.50	
88	Camera mount, video Detection with 46 inch Tube State Furnished	Each	5.0	\$ 284.00	
89	Solar Power Battery Back Up – State Furnished	Each	4.0	\$ 418.90	
90	Wood Pole 35 ft – State Furnished	Each	6.0	\$ 284.00	
91	Flowable Fill	Cu yd	50.0	\$ 120.70	
92	Pothole Patching – Concrete	Sq ft	50.0	\$ 56.80	
93	Pothole Patching – Asphalt	Sq ft	50.0	\$ 7.10	
94	2 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$ 13.49	
95	2 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 14.48	
96	2 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 15.62	
97	2 inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 17.54	
98	2 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	100.0	\$ 31.95	
99	2 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	100.0	\$ 3,195.00	
100	3 inch Conduit Trenched in Native Earth at 18 Inch cover for less than 200 Feet	Lineal Ft	400.0	\$ 14.41	
101	3 inch Conduit Trenched in Native Earth at 24 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 15.34	
102	3 inch Conduit Trenched in Native Earth at 36 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 16.47	
103	3 Inch Conduit Trenched in Native Earth at 60 Inch cover for less than 200 Feet	Lineal Ft	200.0	\$ 18.03	
104	3 Inch Conduit Bored, Jacked or Drilled for less than 200 Feet	Lineal Ft	100.0	\$ 32.66	
105	3 Inch Conduit in Trenched Pavement, Concrete or Sidewalk at 3 foot cover for less than 200 Feet	Lineal Ft	100.0	\$ 32.66	
106	Closed Circuit Television (CCTV) Assembly System –State Furnished	Each	5.0	\$ 639.00	

Attachment B - Pricing
Installation, Relocation, and Repair of the ATMS Devices
Moab, Grand County
Summary of Items

	DESCRIPTION	unit	quantity	unit price	extended price
107	ATMS Cabinet, State Furnished	Each	5.0	\$ 1,065.00	
108	ATMS Cabinet Foundation	Each	5.0	\$ 1,065.00	
109	45 Ft Camera Pole	Each	5.0	\$ 2,130.00	
110	45 Ft Camera Pole Foundation	Each	5.0	\$ 4,544.00	
111	60 Ft Camera Pole	Each	1.0	\$ 2,556.00	
112	60 Ft Camera Pole Foundation	Each	1.0	\$ 4,970.00	
113	7 ft Chain Link Fence Type IV	Lineal Ft	40.0	\$ 26.84	
114	7 ft. Chain Link Fence, Type I with Barb Wire Arm	Lineal Ft	40.0	\$ 34.79	
115	Chain Link Brace Post	Each	8.0	\$ 100.82	
116	Chain Link Gate, H=6 ft X W=6 ft	Each	1.0	\$ 433.10	
117	RWIS-ESS - State Furnished	Each	5.0	\$ 3,649.40	
118	Weigh In Motion System - State Furnished	Each	1.0	\$ 2,982.00	
119	Reconstruct Manhole	Each	1.0	\$ 1,207.00	
120	Type I-Polymer Concrete Junction Box	Each	10.0	\$ 837.80	
121	Type II-Polymer Concrete Junction Box	Each	10.0	\$994.00	
122	Type III-Polymer Concrete Junction Box	Each	5.0	\$1,370.30	
123	Type I-Polymer Concrete Junction Box Extension	Each	10.0	\$156.20	
124	Type II-Polymer Concrete Junction Box Extension	Each	10.0	\$390.50	
125	Type III-Polymer Concrete Junction Box Extension	Each	5.0	\$695.80	
126	Lighting Power Source Ground Mount	Each	10.0	\$1,370.30	
127	Lighting Power Source Pole Mount	Each	10.0	\$923.00	
128	5 Ton Crane with operator and laborer	Per Hour	100.0	\$383.40	
129	Bucket Truck having a 65 foot working height with operator	Per Hour	100.0	\$201.64	
130	Flat bed truck 1 ton with operator	Per Hour	100.0	\$109.34	
131	Backhoe Loader with transport and operator – Size CAT 240D or equivalent	Per Hour	100.0	\$163.30	
132	Auger Truck 36" diameter and 8 to 12 feet depth with operator	Per Hour	100.0	\$134.90	
133	Auger Truck 42" diameter and 11 to 32 feet depth with operator	Per Hour	100.0	\$210.16	
134	5 ton Dump Truck per hour with operator	Per Hour	100.0	\$120.70	